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HANDBOOK-DIRECTORY

Compiled and Edited by

JOHN C. REDMAN
University of Kentucky

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FOREWORD

This Handbook/Directory is one in a series of "who's who" type of publications by the American Agricultural Economics Association. This is published approximately every five years. The last one was published in 1972.

The information included in the Directory portion was obtained from a questionnaire (see facsimile, pp x, xi) developed by a committee composed of Howard F. Robinson (Chairman), Emanuel Melichar, the late Joe Ackerman and John C. Redman. The questionnaire was sent in late Fall 1975 to all members and to various departments and agencies for distribution to potential members. The cut-off date for inclusion in the Directory was April 1, 1976 and dues to the AAEA must have been paid or included with the questionnaire. The Directory includes approximately 3,000 biographical sketches of those returned the questionnaire by the deadline and the names and addresses of all other members.

The classification system used in this edition was changed from that used previously to correspond to the more updated system developed by the National Registry of Agricultural Economists. Each person was asked to classify his employer (see Code List A, pp xii) and nature of his present work activity (see Code List B, pp xii). Also, each person was asked to classify his primary field of specialization and three additional fields in order of interest, (see Code List C, pp xiii). Certain other statistical information was solicited and will be analyzed in a subsequent report. A listing of members by field of specialization and by location and a listing of subscribers by location follow the biographical sketches.

The Handbook portion contains considerable general information about the Association, including a Short History of the Association, the Articles of Incorporation, Constitution, Bylaws, the Charter Members, Previous Officers and Locations of Meetings, List of Fellows, List of Department Chairmen, the Organizational Structure of the USDA and the Divisons which employ large numbers of agricultural economists. Much other useful and interesting information could have been included had the time and other resources permitted.

The user of this Directory is invited to refer to the questionnaire and codes used to interpret the biographical sketches properly. Codes were used to economize on space. In the listing of individuals by specialization, the numbers following the name refer to the code of the second, third and fourth field of competence.

The American Agricultural Economics Association owes a tremendous debt of gratitude to two individuals. Mrs. Willetta Hager not only assisted in processing the information but unexpectantly fell heir to the most nerve-racking task of typing the material n over-size pages for camera-ready reduction of 25 percent to the present size. Mrs. ager typed the 1972 edition also. Her skills, devotion and loyalty were most apprec-ited. Mrs. Michele Stokes not only helped in processing the information but assumed larger share of the essential day-to-day work necessary to keep the office function-ng as smoothly as possible. She assisted also with the 1972 edition. Both of these ndividuals are to be commended for being totally dedicated to this task.

The work on any Handbook/Directory of this scope is demanding, tedious and arduous, particularly when done in addition to one's regular work. Even though there are bound to be errors resulting from the difficulties of trying to decipher the penmanship and from just plain goofs, there has been some sense of satisfaction from having had a "personal interview" with over 3,000 colleagues. I find the work on this type of an activity is virtually continuous. It is believed that this Handbook/Directory is reasonably accurate but to follow the practice of many such directories, the editor and the publisher disclaim the responsibility for accuracy of information or failure to meet the standards expected from the resources allocated. However, any comments on errors found and suggestions for improvement of the next edition would be appreciated.

University of Kentucky
Lexington, Ky. 40506
November 1976

John C. Redman
Secretary-Treasurer

ABBREVIATIONS

The following abbreviations are frequently used in this handbook

A, article
A.A., Associate in Arts
AAA, Agricultural Adjustment Administration
A&M, Agricultural and Mechanical
acad., academy
acct., accountant
acctg., accounting
adm., administration, administrative
administr., administrator
adv, advancement, advisory
AEA, American Economic Association
agt., agent
agr., agriculture
agrl, agricultural
agron., agronomist, agronomy
AID, Agency for International Development
Am., American, America
AMS, Agricultural Marketing Service
anal., analyst, analytical
appr., appraisal, appraiser
ARS, Agricultural Research Service
assn., association
assoc., associate
asst., assistant
assur., assurance
att., attended
ave., avenue

bk., book
b., born
B.A., Bachelor of Arts
BAE, Bureau of Agricultural Economics
bd., board
bkkpr., bookkeeper
blvd., boulevard
br., branch
bull., bulletin
B.S., Bachelor of Science
bur., bureau
bus., business

CAES, Canadian Agricultural Economic Society
CA, California
CCC, Commodity Credit Corporation
CEA, Commodity Exchange Authority
cert., certificate
chap., chapter
chf., chief
chmn., chairman
co., company, county
coll., college
comm., committee, commission
commr., commissioner
conf., conference
cong., congress, congressional
Cons., conservation, consultant
consol., consolidated
coop., cooperation, cooperative
corresp., correspondent
cr., credit
CSS, Commodity Stabilization Service
ct., court

demons., demonstration
dep., deputy
dept., department
devl., development
dipl., diploma
dir., director, directory
dist., district
distr., distribution
div., division
dom., domestic
D.P.A., Doctor of Public Administration

E., east, eastern
ECA, Economic Cooperation Administration
econ., economics, economist
economet, econometric
edit., editorial
educ., education
elem., elementary
emerg., emergency
empl., employment
engr., engineer
engrg., engineering
equip., equipment
equit., equitable
enum., enumerator
ERS, Economic Research Service
exam., examiner
exec., executive
expt., experiment
ext., extension

FAO, Food and Agriculture Organization
FAS, Foreign Agricultural Service
FCA, Farm Credit Administration
FCIC, Federal Crop Insurance Corporation
FCS, Farmers Cooperative Service
fed., federal
fedn., federation
FEA, Foreign Economic Administration
FERD, Farm Economic Research Division
FES, Federal Extension Service
FHA, Farmers Home Administration
Fields: principle field listed, others signified by capital letters, see questionnaire
fin., finance, financial
found., foundation
for., foreign
FPED, Farm Production Economics Division
FS, Forest Service

FSA, Farm Security Administration

G.E., General Electric
gen., general
govt., government
govtl., governmental
grad., graduate

handbk., handbook
H.S., high school
hist., historical, history
hon., honorary
husb., husbandry

ICA, International Cooperative Administration
impl., implement
incl., inclusive
ind., industry
indsl., industrial
inf., information
ins., insurance
inst., institute, institution
insp., inspector
instr., instructor
int., interior
intl., international

JFE, Journal of Farm Economics
jour., journal
jr., junior

lab., laboratory
ldr., leader
lectr., lecturer
legis., legislation, legislator
L.H.D., Doctor of Humanities
libr., library
LL.B., Bachelor of Laws
LL.D., Doctor of Laws
M., monograph
m., Married
M.A., Master of Arts
magz., magazine
Math., mathematics
M.B.A., Master of Business Administration
mdse., merchandise
MED, Marketing Economic Division
mem., member
MERD, Marketing Economic Research Division
meth., methodology
metro., metropolitan
mfr., manufacturer
mng., manage, managing
mgr., manager
mgmt., management
mktg., marketing
M.S., Master of Science
MSA, Mutual Security Agency
mtg., Mortgage

N., North
natl., National
N.E., Northeast
NRA, National Recovery Administration
NRED, Natural Resource Economics Division
nutr., nutrition
N.W., northwest

OPA, Office of Price Administration
oper., operations, operator
org., Organization

Pac., Pacific
Ph.D., Doctor of Philosophy
PMA, Production and Marketing Administration
plng., planning
pol., political
poly., polytechnic
pres., president
prin., principal
prod., production, products
prof., professor
proj., project
P.S., publis school
pub., public, publishing
purch., purchasing

quart., quarterly

REA, Rural Electrification Administration
reconstr., reconstruction
reclam., reclamation
ref., reference
reg., regional
rehab., rehabilitation
rel., relations
reset., resettlement
res., research
rev., review, revised
rep., representative
repay., repayment
rptg,, reporting
R.R., railroad
rur., rural
rwy., railway

S., south
sch., school
sci., science
SCS, Soil Conservation Service
S.E. southeast
SEA, Southern Economic Association
sect., section
sec., secretary
serv., service
so., southern
soc., society, sociology
socio., sociological
spec., specialist
sr., senior
st., state, street
sta., station
SRS, Statistical Reporting Service

stat., statistical, statistician, statistics
supt., superintendent
supvr., supervisor
supvry., supervisory
S.W., southwest

TCA, Technical Cooperation Administration
techr., teacher
teach., teaching
tech., technical
techn., technology, technological
tr., trust
transp., trasnsportation
treas., treasurer
trng., training
TVA, Tennessee Valley Authority
twp., township
UN, United Nations
univ., university
U., unmarried
UNRRA, United Nations Relief and Rehabilitation Administration
USDA, United States Department of Agriculture
USFS, United States Foreign Service

veg., vegetable
vet., veteran
voc., vocational
v. pres., vice president

W., West, western
WAEA, Western Agricultural Economics Association
wkly., weekly
WPB, War Production Board
WPA, Works Progress Administration
wts., weights

yrbk., yearbook

FACSIMILE OF QUESTIONNAIRE

Fill out and return promptly to John C. Redman, AAEA, University of Kentucky, Lexington, KY 40506. Return before December 20, 1975, to spare your Association the expense of a possible follow-up.

AAEA HANDBOOK-DIRECTORY - 1976

Use TYPEWRITER if possible - otherwise PRINT plainly

1. Name: _____ (Last name) _____ (First name) _____ (Middle name)

EMPLOYMENT:

2. Rank or title: _____

3. Employer: _____

4. Office mailing address: _____

_____

_____ (City) _____ (State) _____ (Zip Code)

5. Office phone: ___ ___ (Area Code) ___ ___ (Number)

6. Type of employer: (Enter code from List A) ___ 1 ___ 2 ___ 3

7. Nature of present work activity: (Enter codes from List B in order of importance or time spent) ___ Primary activity ___ Other activities (if any)

PERSONAL DATA:

8. Year of birth: ___

9. State or country of birth: _____

10. Country of citizenship: _____

11. Family status: (Enter code from list below) ___

1 - Married 2 - Widow or widower 3 - Divorced 4 - Unmarried

12. Number of children: ___

For office use only

EDUCATION:

13. Education and academic or professional degrees:

Degrees (if honorary please indicate)	Year Granted	Years attended (state only if no degree awarded)	Colleges and Universities
_____	19___	_____	_____
_____	19___	_____	_____
_____	19___	_____	_____
_____	19___	_____	_____

SPECIALIZATION:

14. Fields of specialization or major interest: (Enter codes from List C in order of interest)

Primary field 1 ___ 2 ___ Other fields: (if any) 3 ___ 4 ___

(OVER)

FACSIMILE OF QUESTIONNAIRE (Cont.)

PREVIOUS EMPLOYMENT:

15. Employment record, other than present: List 3 most important positions (most recent first)

Rank or title	Institution, agency or firm	Location	Approximate date

PUBLICATIONS:

16. Publications or dissertations (no more than 3):

Title	Where Published	Year of Publication

LANGUAGES:

17. Native language, if other than English: _____

18. Proficiency in language, other than native tongue:
(Indicate degree of proficiency as 1, 2, or 3 for good, fair, or poor)

Language: _____ Read: _____, Write: _____, Speak: _____

Language: _____ Read: _____, Write: _____, Speak: _____

MEMBERSHIPS:

19. Membership in associations, excluding AAEA:
(List 3 most significant) Indicate offices held, with dates

DIRECTORIES AND HONORS:

20. Check other directories in which you are listed:

_____ Who's Who in America
_____ Directory of American Scholars
_____ Leaders in Education
_____ International Who's Who (Europe)
_____ American Men and Women of Science
_____ _____

21. Honors (no more than 3): _____

For office use only

STATISTICAL DATA: (The following information will be used for statistical purposes only)

22. Sex: (Enter code) ____ 1 - Male 2 - Female

23. Ethnic group: (Enter code) ____
1 - Black
2 - Caucasian
3 - Indian American
4 - Oriental
5 - Puerto Rican
6 - Mexican American
7 - Other Spanish-speaking
8 - Other: _____

24. Social Security Number: ____ ____ ____ — ____ ____ — ____ ____ ____ ____

25. Total years of professional experience: ____ ____

26. Check if you are available for consulting or other temporary assignments:

Short-term (under 6 months): Domestic ____ Foreign ____
Intermediate-term (6 to 24 months): Domestic ____ Foreign ____

The AAEA has urged all members to register with the National Registry for Agricultural Economists. Your data will be forwarded to the Registry unless you object by checking here: ____

(MEMBERSHIP DUES OF $25.00 FOR REGULAR MEMBERS - $12.50 FOR JUNIOR AND SENIOR MEMBERS - MUST BE PAID FOR 1976 OR ENCLOSED WITH THIS FORM IN ORDER TO BE LISTED)

CODE LIST A

Type of Employer

Educational Institution
- 02 Adult or continuing education centers
- 03 College or university
- 04 Junior college
- 05 Secondary school
- 06 Other

Federal Government Executive Departments
- 11 Commerce
- 12 H.E.W.
- 13 Interior
- 14 Labor
- 15 USDA-ARS
- 16 USDA-ERS
- 17 USDA-Extension Service
- 18 USDA-FAS
- 19 USDA-FCS
- 20 USDA-FHA
- 21 USDA - Marketing and Consumer Service
- 22 USDA-SRS
- 23 USDA-Other
- 24 USDS-AID
- 25 USDS-Peace Corp
- 26 Other departments

Federal Government Independent Agencies
- 31 Environmental Protection Agency
- 32 Farm Credit Administration
- 33 Federal Reserve Board
- 34 Federal Trade Commission
- 35 Tennessee Valley Authority
- 36 Other independent age

- 40 State/Local Government

- 50 Private Industry/Business
  - 51 Private firm (non-cooperative)
  - 52 Cooperative firm or organization
  - 53 Trade association
  - 54 Other

- 60 International Agency or Organization
  - 61 Int. Labor Organization
  - 62 OECD
  - 63 UN-FAO
  - 64 UNESCO
  - 65 Other UN
  - 66 World Bank
  - 67 Other
- 70 Non-profit organizations, volunteer agencies, religious related agencies, foundations, n.e.c.
  - 71 Domestic Oriented Program
  - 72 Foreign oriented program
- 75 Self-employed
- 76 Retired
- 77 Unemployed
- 78 Other

CODE LIST B

Work Activity Areas

- 01 General administration
  - 02 Academic administration
  - 03 Admin. of int'l agency
  - 04 Admin. of non-profit organization, foundation
  - 05 Business administration
  - 06 Government administration
- 07 Research
- 08 Teaching
- 09 Extension
- 10 Business management
- 11 Sales, marketing
- 12 Purchasing
- 13 Accounting
- 14 Data processing
- 15 Forecasting, planning
- 16 Manufacturing
- 17 Financial operations, services
- 18 Policy, program development
- 19 Program analysis
- 20 Farm Management
- 21 Farming
- 22 Technical assistance
- 23 Graduate studies
- 34 Undergraduate studies
- 25 Military service (active duty)
- 26 Retired
- 27 Other

CODE LIST C

Fields of Specialization or Interest
(Subject Matter Areas)

010 Economics of Agricultural Production and Distribution
- 011 Farm production economics
- 012 Farm management
- 013 Agricultural finance, credit
- 014 Marketing of agricultural products and inputs
- 015 Economics of food processing: wholesale, retail distribution
- 016 Agricultural demand and supply analysis
- 017 Agricultural policy
- 018 Agricultural situation, outlook
- 019 Economics of farm products transportation

020 Natural Resource Economics
- 021 Water resource economics
- 022 Land tenure
- 023 Forestry economics
- 024 Fisheries economics
- 025 Recreation economics
- 026 Natural resource conservation, environmental economics
- 027 Minerals, mining economics

030 Community Resource Economics
- 031 Community resource development
- 032 Economics of public services
- 033 Economics of public investment
- 034 Housing economics
- 035 Regional economics, planning policy
- 036 Urban economics, planning, policy
- 037 Urban and regional transportation
- 038 Land use planning, zoning
- 039 State/local government finance; intergovernmental financial relationship

040 Human Resource Economics
- 041 Economics of education
- 042 Medical economics
- 043 Poverty economics
- 044 Welfare programs, public insurance
- 045 Economics of leisure
- 046 Manpower training, development
- 047 Demographic economics, mobility, population growth

050 Consumer Economics and Demand Analysis
- 051 Consumption of food, services
- 052 Consumption of non-food goods, services
- 053 Consumer education, information, protection
- 054 Levels and standards of living
- 055 Saving, investment

060 General Economics, Theory, History, Systems
- 061 General equilibrium theory
- 062 Microeconomic theory
- 063 Macroeconomic theory
- 064 Welfare theory
- 065 Location theory
- 066 Public decision theory
- 067 Social choice
- 068 History of thought; Economic history
- 069 Economic systems

070 Economic Growth and Development
- 071 Comparative economic development studies
- 072 Economic development studies of developed countries
- 073 Economic development studies of less developed countries
- 074 Economic fluctuations and stabilization
- 075 Economic forecasting, forecasting and planning models
- 076 Economic growth and development theory
- 077 Economic planning theory and policy
- 078 Economics of war and defense

080 Economic Statistics, Methods, Analysis
- 081 Econometric and statistical methods and models
- 082 Mathematical methods
- 083 Computer methods
- 084 Operations research
- 085 Input-output
- 086 National income accounting
- 087 Financial accounts
- 088 Methodology/philos. of science

090 Business Administration, Finance, Marketing Accounting
- 091 Business and public administration
- 092 Organization and decision theory
- 093 Managerial economics
- 094 Business finance, investment
- 095 Business marketing advertising
- 096 Accounting

100 Industrial Organization, Technical Change
- 101 Industrial organization and market structure
- 102 Public policy towards monopoly and competition
- 103 Public enterprises
- 104 Public utilities; government regulation of the private sector
- 105 Technological change; innovation, research and development

110 International Economics
- 111 International trade theory, policy
- 112 Agricultural trade theory, policy
- 113 Commercial policy: International business
- 114 Economic integration
- 115 Balance of payments, mechanisms of adjustment, exchange rates
- 116 International monetary arrangements
- 117 International investments and capital markets
- 118 International aid

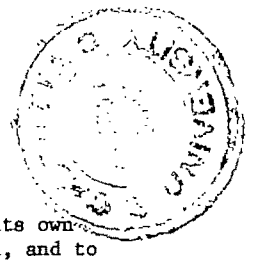
120 Labor Economics
- 121 Labor market studies; wages; employment
- 122 Public policy; role of government
- 123 Theory of labor markets
- 124 Trade unions; collective bargaining; labor-management relations

130 Domestic Monetary and Fiscal Theory, Policy
- 131 Domestic monetary and financial theory and policy
- 132 Commercial banking
- 133 Financial markets
- 134 Financial intermediaries
- 135 Domestic fiscal theory and policy
- 136 Federal government expenditures and budgeting
- 137 National taxation and subsidies

140 Other Economics Sepcialties
- 141 Teaching of economics

150 Other Specialties
- 151 Agricultural animal sciences
- 152 Agricultural plant sciences
- 153 Engineering
- 154 Anthropology
- 155 Sociology
- 156 Policical science
- 157 History
- 158 Psychology
- 159 Other

A SHORT HISTORY OF THE AMERICAN AGRICULTURAL ECONOMICS ASSOCIATION



The pursuit of agricultural economics as a discipline or profession in its own right is a development of the present century. Its growth has been paralleled, and to some extent can be measured by, the growth of the American Agricultural Economics Association, which traces from the founding of parent bodies early in the century. The problems addressed in agricultural economics, however, had much earlier origins. These problems had been dealt with responsibly, though unsystematically, for a long time.

Economic problems of farmers had been recognized early in our nation's history. By some accounts, they were significant in the unrest leading to the American Revolution. Many institutions expressed concern. Farm journals gave considerable space to economic matters in farming at least as early as 1819. Various actions were proposed. They ranged from improving the quality of management on individual farms to cooperative purchasing and marketing.

In 1839 an appropriation of $1,000, primarily for collection of statistics, was made to the U.S. Patent Office. If farmers had the data, it was argued, they could make rational decisions in both production and marketing. The first agricultural questions in the national census came in 1840. In succeeding decades, with F. A. Walker and W. H. Brewer making substantial contributions, the census provided the basic information for studying the growth of American agriculture.

The agricultural reforms of 1862, including the Morrill Land Grant College Act, the Homestead Act, and the Department of Agriculture Act, were aimed at alleviating the economic problems of the farmer. Subsequently, the Department of Agriculture, through the efforts of Jacob R. Dodge, Frank H. Hitchcock, George K. Holmes, and others made important contributions, not only in developing statistical services but also in the treatment of economic problems of production, marketing, and foreign trade in farm products. However, when economic unrest led to the Populist movement near the end of the century, no systematic analyses of the economic problems of agriculture were yet at hand, even though some pioneers were beginning to move in this direction.

In the 1880's and 1890's concern for economic problems affecting agriculture was expressed by economists F. A. Walker and Richard T. Ely and horticulturist Liberty Hyde Bailey. Agricultural professors and scientists such as I. P. Roberts, Thomas F. Hunt, and Willet M. Hays began to offer courses in rural economics and farm management.

In the first decade of the twentieth century economic problems relating to agriculture as an area of inquiry developed to the point that it could become a full time job for a college professor. Interest became widespread, though few men were available who had the training needed for economic research and teaching.

Growth was slow at first. Men whose training had been in agronomy, animal husbandry, or general economics became interested in the economics of agriculture — then often called farm economics — and went to work in the new field. Many emphasized farm management, while others turned to land tenure, cooperative marketing, or farm credit. Occasionally public policy was included. As contributions were made, the subject gained prestige.

Before the end of the first decade several professors were giving the new subject full time. Some of the early pioneers were E. F. Adams, Leroy Anderson, Frank App, T. C. Atkeson, Andrew Boss, K. L. Butterfield, A. E. Cance, T. N. Carver, F. W. Card, T. P. Cooper, J. L. Coulter, D. H. Doane, J. R. Fain, G. T. Fairchild, J. A. Foord, F. D. Gardner, M. B. Hammond, Harry Hayward, B. H. Hibbard, G. N. Lauman, K. C. Livermore, David Lubin, J. B. Morman, D. H. Otis, E. C. Parker, H. C. Price, D. W. Pugsley, W. J. Spillman, H. C. Taylor, R. P. Teele, C. W. Thompson, J. C. Thompson, E. H. Thomson, G. F. Warren and E. H. Webster.

The first recorded meeting in the United States relating to the economics of agriculture was held in connection with the ninth annual meeting of the American Economic Association at Johns Hopkins University in 1897. A group of questions on land tenure, credit and population movement were drawn up and discussed by Liberty Hyde Bailey, John F. Crowell, W. W. Folwell, E. R. Johnson, E. T. Peters, W. A. Scott, E. R. A. Seligman, Thomas G. Shearman, C. S. Walker, Lester F. Ward, and Walter F. Willcox. A theme which seemed to come out of the meeting was the "maladjustment of agriculture to other industries."

The American Economic Association held several additional sessions on agricultural topics between 1897 and 1913. In the meantime, teachers and research workers in farm management were beginning to hold independent sessions and to develop closer relationships with the Association of American Agricultural Colleges and Experiment Stations.

A group interested in farm management met on the campus at Ames, Iowa on July 26-28, 1910. They organized the American Farm Management Association on July 27. The announced object was to "promote the investigation and teaching of farm management." The next day the new association held its first meeting to hear reports on "scope and cleavage" and "course of study." The dues were set at $1.00 per year. Later in the same year, another group interested in the economics of agriculture held a special session in conjunction with the American Economic Association and the American Statistical Association meeting in St. Louis.

The fragmentation of organizations paralleled the scattered economic work being carried on in the United States Department of Agriculture at the time. From 1913 to 1916, the American Farm Management Association and the National Conference on Marketing and Farm Credits were the principal organizations discussing economic matters. However, the American Association for Agricultural Legislation was organized in Philadelphia on December 28, 1917 with Richard T. Ely as Secretary. Members of the National Conference then organized the American Association of Agricultural Economists. In December 1917, when both met with the American Economic Association, proposals for their consolidation were discussed. The American Farm Management Association appointed a committee of three to meet with a similar committee from the American Association of Agricultural Economists. In January 1919, a merger resulted as the Farm Management Association changed its name to the American Farm Economic Association and its constitution was broadened to include the objectives of both groups.

The constitution provided for an executive and three standing committees, namely (1) investigation, (2) teaching, and (3) extension. To these were soon added committees on experiment stations, funds and work, and terminology. Other new ones, such as a committee on cost investigations, met special or continuing needs. This development paralleled the subsequent redesignation of the Office of Farm Management in the U.S.D.A. as the Office of Farm Management and Farm Economics.

The newly restructured organization also voted to begin the publication of a quarterly journal, Journal of Farm Economics. The first issue, edited by L. A. Moorhouse, was published in June 1919 "to serve those interested in the economic forces and influences as they operate to affect the business of farming." For members on campuses, this became their link to the association. Its pages reflected the developments within the field and the involvement of the organization. The publication of the Journal necessitated a policy begun in 1920 of requiring payment of the $2.00 annual dues in advance. Delinquent members would not get the Journal.

Meetings were held annually, frequently in conjunction with related organizations such as the American Economic Association and the American Statistical Association. For years the meetings were held in late December. Since 1947 annual meetings have been held independently in the summer, usually on college and university campuses.

The association has always been concerned with building its membership and reaching across geographic distance. In addition to its special membership for graduate students, from 1948 to 1973 the association had a student affairs committee, which at various times promoted debate, public speaking, and essay contests. At one time, more than 40 chapters were active.

The association deliberately sought to maintain a balance between Washington, especially the Bureau of Agricultural Economics and successor agencies, and the rest of the profession. At one time the concern was that the BAE would become domineering. In 1927 the editor reported that he did not encourage the Bureau staff to write articles. In fact, he held books for review until he could get others to review them. Later, though, fears of improper relationship vanished.

The relation of association activity to federal governmental policy has been a vague and variable issue. Early leaders were not greatly inhibited. Concerned over the seeming inconsistency of government programs with the farm situation, the association went on record in 1927 asking the Secretary of the Interior and the Director of Reclamation to hold in abeyance further reclamation of land by large scale drainage or irrigation until farmers' incomes were on a par with other occupations. During the 1930's the association gave much attention to farm policy issues at annual meetings and in the Journal but did not itself engage in advocacy. In recent decades, the association has maintained an unwritten policy of "no official position" on economic issues as it continues to encourage freedom of inquiry and expression by individuals. It nevertheless retains the option of taking positions.

The association appointed members in 1926 to serve on a Social Science Research Council committee to study research in agricultural economics. In 1933, representatives were designated to work on the Census of Agriculture. The expansion of government activity during the New Deal period had emphasized the need for more qualified agricultural economists, a need recognized by the association in the appointment of the Committee on Recruitment and Training in 1936. Increased interest in marketing research was reflected in the Committee on Marketing that became joint with the Social Science Research Council the same year. Another committee appointed to meet a current problem was the Committee on Index Numbers, which discussed the relative merits of using 1910-14 or 1935-39 as base periods.

Like many other professional organizations, the American Farm Economic Association suspended its annual meetings from 1942 through 1945. A 1942 meeting was planned but many members refused or were reluctant to take part in the program because of transportation problems. The modified program was cancelled at the request of the Office of Defense Transportation. Papers that had been prepared, however, were published in the February issue of the Journal, and the executive committee and other committees continued to function. In 1943, the Committee on Recruitment and Training recommended that the Executive Committee urge the General Education Board, and other agencies to establish graduate scholarships and fellowships in agricultural economics. These would enable those whose graduate training had been interrupted by the war to resume their work.

To encourage and recognize excellence, the association appointed a committee on awards to make recommendations. It urged that an award be given in the field of agricultural economics and the executive committee recommended that the award be for the best article published in the Journal of Farm Economics. The first award was made in 1946.

The program for recognition has become an important phase of the association's activities. In 1944 it was announced that an anonymous donor, who was later identified as W. H. Jasspon, had given $12,500 for prizes, -- $5,000 for first place, $2,500 for second, $1,250 for third place, and fifteen other awards of $250, for essays on "A Price Policy for Agriculture, Consistent with Economic Programs, That Will Promote Adequate and More Stable Income from Farming." The contest stimulated considerable interest among members and brought the association to the attention of others.

A special grants committee was appointed in 1947 to raise funds for meritorious research awards to be made annually. Finding this means of raising money effective, the practice was continued and contributors became sustaining members and later institutional members. The awards were first given in 1950 for outstanding published research and for outstanding doctoral dissertations in agricultural economics.

In 1956 an award was given for papers contributed by graduate students. In 1960 this was supplanted by an award for outstanding masters theses. In 1965 a distinguished undergraduate teacher award with a monetary renumeration of $250 was instituted.

Another major essay contest was announced in the May, 1965 Journal on "Effective Competition and Changing Patterns in the Marketing of Agricultural Products." The first prize was $5,000, second was $2,500, third prize was $1,000, with five honorable mention awards of $500 and five of $250. The results of the contest were announced in 1966 and winning essays were published in a special August 1966 issue of the Journal. The donor of prize funds was then announced as the National Association of Retail Food Chains.

A distinguished extension program award was started in 1966. More recent awards were inaugurated when the extension publication award was given in 1972 and the undergraduate student essay award was granted the following year.

The Fellows program was instituted in 1957 to provide recognition to some of those who had made sustained contributions to the profession and the association. John D. Black, Thomas Nixon Carver, Joseph S. Davis, Garnet W. Forster, Asher Hobson, Edwin G. Nourse, Theordore W. Schultz, Henry C. Taylor, Frederick V. Waugh, and Milburn L. Wilson were the first recipients. Three fellows have been selected in most of the ensuing years.

The association moved to fill a void when it sponsored two books of readings. Oscar Jesness edited Readings in Agricultural Policy, published in 1949, and Fred Waugh edited Readings in Agricultural Marketing, published in 1954. More recently, the association sponsored a three-volume review of literature in agricultural economics since World War II. These volumes are scheduled for publication sometime in 1977 or 1978.

Over time, the work by agricultural economists had widened to encompass many facets of economics. On January 1, 1968, following a membership survey, the name of the association was changed to the American Journal of Agricultural Economics.

In 1960 the association moved into the area of literature retrieval. Some members remembered the days when USDA's Bureau of Agricultural Economics Library had its own holdings and prepared bibliographies. They felt that its incorporation into the main library had resulted in giving less attention to the expanding field of agricultural economics. Also, the quantity of literature being published required a new approach.

Accordingly, at the winter meeting of 1960 the association agreed to co-sponsor with the Social Science Research Council, at SSRC's expense, a conference to discuss the problems of literature retrieval. The conference was held in the spring of 1961 with eleven librarians and eight agricultural economists attending. At the next meeting of the association, the president of AFEA appointed a Committee on the Retrieval of Agricultural Literature. After the National Science Foundation delayed approval and then rejected the project, an abbreviated study was begun in 1964 and completed in 1968 to be published in 1969 as Technical Bulletin 191 of North Carolina State University.

Meanwhile, in 1967, the committee held a workshop to consider subject categories, the National Agricultural Library vocabulary, and other aspects of library services, especially those of assembling, storing, and announcing literature of the profession. The Committee report recommended the establishment of a center to (1) acquire literature written by agricultural economists in the United States and Canada; (2) prepare bibliographic data, copy abstracts, and index; (3) make computer tape available to the association and interested parties every two months; (4) maintain master tape with accumulated data from bi-monthly tapes; and (5) perform computer searches on request and at cost.

The association's primary role was to publish the bibliography every two months. The Committee on Literature Retrieval was supplanted by the Editorial Board of the American Bibliography of Agricultural Economics to provide direction. The President signed an agreement establishing the Agricultural Economics Documentation Center with the American Association of Agricultural Economists, the National Agricultural Library, the Economic Research Service, and the Statistical Reporting Service cooperating.

Publication of the American Bibliography of Agricultural Economics was a slow process. It also proved costly. It was discontinued in 1974 at the end of Volume 4. Since then, the emphasis has been in getting the citations and abstracts on line and tied into the CAIN system of the National Agricultural Library. The system, complete with computer printouts, was demonstrated at the 1976 annual meeting of the association.

Although topics of special attention waxed and waned - as marketing, for example, came into prominence after World War II and then faded - on the whole the association expanded the scope of its interests. Agri-business economists had long been a relatively small but integral part of the association, but the liaison had never been entirely satisfactory. In 1966 an Industry Committee was named to work at achieving better communication.

Likewise, the earlier AFEA and the later AAEA and both taken an interest in the international aspects of agriculture. Only in 1967 was the International Research Committee formed. The Industry and International committees have at various times separately or jointly staged special dinner sessions at annual meetings.

Another facet of international matters was the beginning of funding for fellowships to the triennial meeting of the International Association of Agricultural Economists. The practice began when the general membership voted in 1963 to appropriate $5,000 to provide 7 to 10 fellowships to finance travel to the 1964 AAE meeting in France.

If at one time the association devoted much attention to the conduct of research, on other occasions it has expressed concern and even regret at its limited contribution to improving performance in teaching the subject matter of agricultural economics. Special symposia have been held occasionally. One at Blacksburg, Virginia in August 1966 resulted in a publication issued as Part II of the AJAE of February 1967; and a symposium at Gainesville, Florida in August 1972 was published as Part II of the November 1973 issue.

Until recently the demand for agricultural economists had increased more rapidly than the supply. With expansion of existing and new graduate programs and the changing nature of advanced training required to meet rather specific job descriptions, it became obvious that the traditional professional job market which had operated largely within the "old school tie" system was no longer workable. This prompted the establishment of an employment service which would be made available at the summer meetings of the AAEA.

The system was manually operated for four days per year in a single location. It proved to be clumsy, inefficient, and unsatisfactory both for employers and prospective employees. Neither job openings nor applicants were known in advance and the cost of traveling to the meeting were discriminatory. In 1969, a special committee was appointed to study this problem and recommend changes. As a result, the AAEA conducted a feasibility study financed by the U.S. Department of Labor to estimate the cost of alternative automated systems and to develop criteria for evaluating the performance of such a system. On the basis of that study, the AAEA undertook a project with additional funds provided by the Department of Labor to develop, implement and evaluate an experimental employment service for agricultural economists. The system has been operational since September 1974 and the reaction from employers and job applicants strongly suggested that the computer-based system provided a useful and effective service. It has helped to reduce market imperfections and increased both the scope and breadth of the market for agricultural economists.

Through its 66 years, the American Agricultural Economics Association has seen vast changes in the scope of the profession. Its membership has been varied, and its program has adjusted to meet changing interest. At the same time, the leadership given by the association has helped to give form and content and has brought professionalism to the field of agricultural economics. Looking ahead, it may be well to remember the words of T. N. Carver, who, in 1912, described agricultural economics at that date as "an aspiration." Is it not true that the solution of many of the major economic problems affecting agriculture is still an aspiration?

ARTICLES OF INCORPORATION

Articles of Incorporation

of

AMERICAN AGRICULTURAL ECONOMICS ASSOCIATION

Inst.#542
Fee: $3.50

To the Secretary of State
of the State of Iowa

RECEIVED
1967 DEC 28 PM 2:53
SECRETARY OF STATE
IOWA

I, the undersigned, acting as incorporator of a corporation under Chapter 504A, Iowa Code (1966) adopt the following Articles of Incorporation for such corporation:

Article I.

The name of the Corporation is American Agricultural Economics Association.

Article II.

The period of its duration is perpetual.

Article III.

A. This corporation is organized and shall be operated exclusively for educational and scientific purposes, all for the public welfare, and is authorized to accept, hold, administer, invest and disperse for educational and scientific purposes such funds as may from time to time be given to it by any person, persons, firm, group or corporation, including assets received from the predecessor organization, the American Farm Economic Association, to receive gifts and make financial and other types of contributions and assistance to educational and scientific institutions, incorporated or non-incorporated, which are exempt from Federal income tax, and to make awards in recognition of professional accomplishment. All the assets and earnings shall be used exclusively for the purpose herein set out, including the payment of expenses incidental thereto; and no part of its activities shall be for carrying on of propaganda or otherwise attempting to influence legislation or participating or intervening in any political campaign on behalf of any candidate for public office.

B. The object of the corporation is to further the development of systematic knowledge of agricultural economics. As a professional organization, the corporation shall pursue this object by facilitating scientific research, instruction, publications, meetings and other activities designed to advance and disseminate knowledge in agricultural economics. The corporation shall encourage freedom of economic discussion and shall not commit its members to any position on economic policy issues.

Article IV.

The address of its initial registered office in the State of Iowa is Department of Economics, Iowa State University in the City of Ames, County of Story, and the name of its initial registered agent at such address is Neil E. Harl.

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Article V.

The number constituting the initial governing board of the corporation is nine. The names and addresses of the persons who are to serve as the initial members of the governing board are:

Name	Address
C. E. Bishop	University of North Carolina Chapel Hill, North Carolina
Harold F. Breimyer	University of Missouri Columbia, Missouri
Lawrence W. Witt	Michigan State University East Lansing, Michigan
Kenneth L. Bachman	U.S. Department of Agriculture Washington, D. C.
James Nielson	Washington State University Pullman, Washington
Vernon W. Ruttan	University of Minnesota St. Paul, Minnesota
Stephen Smith	University of Wisconsin Madison, Wisconsin
C. Del Mar Kearl	Cornell University Ithaca, New York
Leslie Drayton	Canada Department of Agriculture Ottawa, Canada

As soon after incorporation as conveniently may be, selection of members to a thirteen member executive board shall proceed as provided in the constitution. When constituted, the executive board shall become the governing body of the corporation. Thereafter, changes in the number of members on the executive board may be made as provided by or by amendment to the constitution. The executive board shall function as a board of directors within the meaning and intendment of Chapter 504A, Iowa Code (1966).

Article VI.

The date on which the corporate existence shall begin is January 1, 1968.

Article VII.

The name and address of the incorporator is:

Name	Address
C. E. Bishop	University of North Carolina Chapel Hill, North Carolina

Article VIII.

A. In the event of liquidation, dissolution or winding up of the corporation, whether voluntary, involuntary or by operation of law, any disposition made of the assets of the corporation shall be such as is calculated exclusively by the executive board to carry out the educational purposes for which the corporation is formed and no part of the assets thereof shall be distributed to the members of the corporation.

B. No part of the net earnings of the corporation may inure to the benefit of or be distributable to its members, directors, officers or other private persons, except that the corporation shall be authorized and empowered to pay reasonable compensation for services rendered and to make payments and distributions in furtherance of the objects as set forth in Article III hereof. Notwithstanding any other provisions of these articles, the corporation shall not carry on any other activities not permitted to be carried on (1) by a corporation exempt from Federal Income Tax under section 501 (c)(3) of the Internal Revenue Code of 1954 (or the corresponding provision of any future United States Internal Revenue Law) or (2) by a corporation, contributions to which are deductible under section 170 (c)(2) of the Internal Revenue Code of 1954 (or the corresponding provision of any future United States Internal Revenue Law).

Article IX.

A. For purposes of definition of the term "bylaws" as found in chapter 504A, Iowa Code (1966), as applied to this corporation, such term shall be interpreted to refer to and include the constitution and bylaws of this corporation, which may be separate documents.

B. The constitution and bylaws of this corporation may provide for one or more classes of members and may define the voting rights and other rights of the members of each such class.

C. The officer positions of the corporation shall be specified in the constitution.

Dated December 27, 1967.

C. E. Bishop
C. E. Bishop
Incorporator

State of North Carolina) ss:
County of Orange)

On this 27th day of December, A.D. 1967, before me, the undersigned, a notary public in and for said County in said State, personally appeared C.E. Bishop to me known to be the person named in and who executed the foregoing Articles of Incorporation, and acknowledged that he executed the same as his voluntary act and deed.

NOTARY PUBLIC ORANGE COUNTY, N.C. VIRGINIA

Virginia Wells
Notary Public in and for said County
Virginia Wells

BOOK 11 PAGE 139 561

My commission expires 4/29/69

INDEXED ✓ MARGIN ..... COMP ✓

RECORD ..... COMP 542

FILED FOR RECORD

FEB - 1 1968

STATE OF IOWA } ss
STORY COUNTY }

At 8 o'clock A M. and
~~Indexed~~ Recorded } in Book 11

on page 137 of Articles

ELVA GLASGOW, RECORDER

By ..... Deputy

OFFICE OF THE SECRETARY OF STATE
Des Moines, Iowa

This instrument recorded in Book 4-4, Page 559, December 28, 1967

Expires Perpetual Cert. No. 39901, Receipt No. —

Filed By Neil E. Hurl Ames, Iowa

Filing Fee 10.00 Recording Fee 1.50 Secretary of State

3.50 PD
- Neil E. Hurl
Dept. of Economics
Iowa State University
Ames

American Agricultural Economics Association

CONSTITUTION

Article I.

NAME

The name of this corporation, hereinafter referred to as the Association, shall be the American Agricultural Economics Association.

Article II.

OBJECTS

The object of the Association is to further the development of systematic knowledge of agricultural economics. As a professional organization, the Association shall pursue this object by facilitating scientific research, instruction, publications, meetings and other activities designed to advance and disseminate knowledge in agricultural economics. The Association shall encourage freedom of economic discussion and shall not commit its members to any position on economic policy issues.

Article III.

DISPOSITION OF FUNDS

Section 1. **Liquidation, dissolution or winding up.** In the event of liquidation, dissolution or winding up of the Association, whether voluntary, involuntary or by operation of law, any disposition made of the assets of the corporation shall be such as is calculated by the executive board exclusively to carry out the educational purposes for which the corporation is formed.

Section 2. **Net Earnings.** No part of the net earnings of the Association may inure to the benefit of members thereof, and the corporation shall be operated as a non-profit organization.

Article IV.

MEMBERSHIP

Section 1. **Qualifications.** Any person having a professional interest in agricultural economics shall be eligible for membership in the Association and may become a member thereof by making proper application to the secretary-treasurer and by paying dues as prescribed.

Section 2. **Classes of members.** The executive board may establish various classes of membership in the Association, each having such rights and privileges as shall be prescribed in the Bylaws. Such classes of membership shall include regular members, junior members and such other classes of membership as shall be established by the executive board.

Section 3. **Joint application and payment of dues.** The executive board may enter into arrangements with other regional and national organizations interested primarily in furthering the development of systematic knowledge of agricultural economics for the purpose of establishing joint applications for membership and joint payment of dues to this Association and such other organization or organizations.

Section 4. **Resignation of members.** Any member may at any time file his or its resignation in writing with the secretary-treasurer of the Association, which resignation shall become effective as of the date received by said secretary-treasurer.

Section 5. **Termination of membership.** The executive board may terminate the membership of any member for nonpayment of dues.

Section 6. **Cessation of property interest.** All right, title and interest, both legal and equitable, of any member in and to the property of the Association shall cease and determine in the event of termination of membership or resignation.

Article V.

EXECUTIVE BOARD

Section 1. **How constituted.** There shall be an executive board of the Association. The board shall consist of the president, president-elect, the most immediate past president available,

and six (6) members who shall be hereinafter referred to as directors, all of whom shall be members in good standing of the Association and who shall be selected as hereinafter provided. The secretary-treasurer, the editor of the official journal of the Association and, upon designation by the executive board, the presidents of any national or regional associations, shall be members ex-officio (non-voting) of the executive board.

Section 2. **Selection of members.** The president and president-elect shall be selected as hereinafter provided for election to the respective offices. Directors shall be elected by the members of the Association at large. No member of the Association shall be eligible for election as a director after having served one full term as a director. Director positions shall be divided into three classes of two positions each. Except for the initial terms which shall be for a shorter period, the term of the members of each such class shall be for a period of three years or until their successors shall have been chosen and qualify. The terms shall be so arranged that one class of two members is elected each year. Initially, it shall be determined by lot after elections have been held which members shall serve out the respective terms. The term of office for directors shall commence immediately following the annual meeting in the year in which elected. Two candidates shall be nominated for each director position to be filled. The person receiving a plurality of votes for each director position shall be declared elected. A tie vote shall be resolved by chance, conducted under the supervision of the election tellers, and reported to the executive board.

Section 3. **Vacancies.** If any vacancy shall occur on the executive board for a member serving on such board as an officer of the Association, such vacancy shall be filled as hereinafter provided for filling officer vacancies. For vacancies of director positions existing by reason of resignation, death, inability to serve, election as an officer of the Association or otherwise, the executive board shall appoint a member of the Association in good standing to serve until an election may be held in connection with the next regularly scheduled election at which time the unexpired term, if any, shall be filled by election of the members of the Association. The executive board shall determine when vacancies exist on such board and shall take appropriate action to fill such vacancies as herein provided.

Section 4. **Meetings.** The executive board shall meet at least once annually with one meeting held in conjunction with the regular annual meeting of the Association. Special meetings shall be called by the secretary-treasurer upon the request of five or more members of the executive board, or may be held at the call of the president of the Association.

Section 5. **Power of the executive board.** Subject in all respects to the authority and discretion of the general membership of the Association and except as otherwise provided, the executive board shall be the administrative body of the Association and shall have the power and authority to do and perform all acts and functions necessary for operation of the Association.

Section 6. **Voting.** At any meeting of the executive board, a majority of the members thereof having voting rights shall constitute a quorum. The act of a majority of the executive board present at a duly called meeting at which a quorum is present shall be the act of the executive board. Any action required or permitted to be taken by the executive board at a meeting or by resolution may be taken without a meeting if a consent in writing, setting forth the action so taken, shall be signed by all voting members of the executive board then in office.

Article VI.

OFFICERS

Section 1. **Elected.** The officers of the Association shall consist of a president, president-elect and the most immediate past president available. The president-elect shall be elected by a vote of the members of the Association having voting rights by mail ballot and shall serve for the year beginning with the adjournment of the annual meeting at which his election is announced and ending with his accession to the presidency at the adjournment of the next annual meeting. In the event of death, incapacity or inability to serve of the president-elect of the preceding year, as determined by the executive board, a president shall be elected for the forthcoming year by vote of the members of the Association having voting power by mail ballot or by vote of the members of the Association at the annual meeting and shall serve for the year beginning with the adjournment of the annual meeting, or, in the case of a mail ballot, following his election and ending with the adjournment of the next annual meeting. After once serving a full term as president-elect no member shall thereafter be eligible to

again serve in that office. The president shall serve for a term of one year commencing with the adjournment of the annual meeting following the period of service as president-elect and ending with the adjournment of the next annual meeting. The persons receiving a plurality of votes for elective offices to be filled shall be declared elected. A tie vote for any office shall be resolved by chance, conducted under the supervision of the election tellers, and reported to the executive board.

Section 2. **Appointed.** The executive board shall appoint a secretary-treasurer and an editor for the official journal of the Association, both of whom shall serve for one-year terms and may succeed themselves in office.

Section 3. **Qualifications.** All nominees for the elective and appointive officer positions and all individuals serving in such positions must be members in good standing of the Association.

Section 4. **Vacancies and succession.** In the event of death, incapacity or inability of the president to serve, as determined by the executive board, the president-elect shall become acting president and shall succeed to the office of president upon completion of the remainder of the term as acting president. If the president-elect is unable to become acting president because of death, incapacity or inability to serve, as determined by the executive board, the executive board shall select from among the directors an acting president who shall serve in that capacity for the unexpired term.

Section 5. **Duties.** The officers of the Association shall perform the duties usually performed by such officers, together with such duties as shall be prescribed by action of the general membership and the executive board. The president of the Association shall preside at all meetings of the general membership and of the executive board. All elective officers of the Association shall serve without compensation. In the event of disability of the president to perform his duties or his absence from any meeting of the general membership or the executive board, the president-elect shall perform the duties of the president during the continuance of such disability or absence. In the event of disability of the president-elect or his absence, the duties of the president shall devolve upon a director to be selected by the executive board until and unless any vacancies may be filled as hereinbefore provided.

Article VII.

NOMINATION TO ELECTIVE OFFICE

Section 1. **Nominating Committee.** The president, with the executive board concurring, shall appoint a nominating committee each year, this committee to consist of the most immediate past president available as chairman and not less than three other members of the Association. The names of the committee members shall be published in the next issue of the official journal of the Association immediately following their appointment, together with an invitation to the general membership that suggestions of nominees for the various elective offices be sent to the chairman of the committee. The nominating committee should take cognizance of the need for geographical, functional and organizational representation on the executive board.

Section 2. **Nominees.** The nominating committee for each year shall be instructed to present to the secretary-treasurer of the Association the names of two nominees for each elective office to be filled including each director position.

Article VIII.

FELLOWS

In recognition of distinguished contributions to agricultural economics, the title "Fellow of the American Agricultural Economics Association" may be conferred upon individuals elected according to procedures specified in the ByLaws.

Article IX.

DUES

Changes in amounts of dues shall be initiated by or through the executive board. Changes in dues for regular members and junior members shall be submitted to the general membership for approval at the annual meeting.

Article X.

ANNUAL MEETING

Section 1. **Scheduling and notice.** There shall be held an annual meeting of the general membership of the Association at a time and place established by the executive board and such other meetings as the executive board may determine. Notice of each meeting shall be mailed to each member at least four weeks in advance of said meeting as directed by the executive board.

Section 2. **Voting and Quorum Requirements.** Fifty members of the Association at any duly called and convened meeting of the Association shall constitute a quorum. Each member of the Association having voting power shall have one vote; voting by proxy shall not be permitted. A majority of the votes cast at any meeting of the Association at which a quorum is present shall be determinative of the issue or resolution except as otherwise specifically provided herein.

Article XI.

COMMITTEES

Section 1. **Creation.** The executive board may provide for the creation of special committees in accordance with the needs of the Association. Standing committees shall be created by vote of the general membership.

Section 2. **Membership.** Members of special and standing committees shall be appointed by the president of the Association.

Article XII.

BYLAWS

Bylaws may be adopted, amended or rescinded by the executive board by a majority vote of the members thereof present at a meeting at which a quorum is present and at which the same is voted on.

Article XIII.

AMENDMENT OF CONSTITUTION

This constitution may be amended by the affirmative vote of two-thirds of the members having voting rights present and voting at any annual business meeting of the Association at which a quorum is present, or by majority vote of members of the Association returning ballots by mail.

Article XIV.

RATIFICATION

This Constitution shall be effective upon ratification either by two-thirds vote of members of the Association present and voting at any annual business meeting of the Association at which a quorum as defined herein is present, or by majority vote of members returning ballots by mail. Ratification of this Constitution shall serve to repeal all prior Constitutions and Bylaws of this Association or predecessor organizations, except as otherwise provided for a transitional period. Upon ratification, this Constitution shall be and become effective commencing January 1, 1968, provided ratification has been accomplished on or before that date and, if not, it shall become effective on January 1 following the date of ratification, and shall be effective prior to such date to the extent needed for purposes of nominations to be made for election to offices of the Association during 1968 or such other year as may be the first full year after ratification. Said ratification shall also constitute approval for the incorporation of the Association as a non-profit corporation and filing of application from exemption from taxation under section 501 of the Internal Revenue Code of 1954 as directed by the executive committee of the predecessor organization.

BYLAWS OF
THE AMERICAN AGRICULTURAL ECONOMICS ASSOCIATION

Article I

Offices

The business office of the Association shall be the business address of the Secretary-Treasurer of the Association. The registered office of the Association shall be the Department of Economics, Iowa State University, Ames, Iowa, and the registered agent at such address shall be Neil E. Harl.

Article II

Membership

Section 1. Application for membership. Any person, firm, corporation, association, group or partnership eligible for membership in one or more classes of members as hereinafter provided may file with the secretary-treasurer of the Association an application for membership in said class or classes of membership. Upon payment of dues as prescribed for the particular membership class, and upon acceptance of the application for membership, the applicant shall be considered a member in good standing of the Association.

Section 2. Classes of Members. The membership of the Association shall be comprised of four classes.

(a) Regular members shall be entitled to all benefits of Association membership and shall have one vote each at any meeting of the Association.

(b) Junior members shall be entitled to all benefits of Association membership and shall have one vote each at any meeting of the Association. Junior membership shall be open to individuals who are actively pursuing study at a college or university and shall be limited to a maximum of three years for each such member. Application for junior membership must be countersigned by the head or chairperson of the major department in which the applicant is enrolled as a student, or by a member of the Association, which countersignature shall attest to current student status.

(c) Senior members shall be entitled to all benefits of Association membership and shall have one vote each at any meeting of the Association. Senior membership shall be open to individuals, upon written request, who are 65 years of age or older and have retired from active professional work.

(d) Each institutional member shall have voting rights, with one vote accorded each such institutional member. Any person, firm, corporation, association, group, or partnership may become an institutional member upon payment of such sum as may be fixed from time to time by resolution of the executive board. Voting rights of institutional members who are other than individuals may be exercised by the president of such firm, corporation, association, group or partnership, or by that president's designated representative. Each institutional member may designate up to three (3) representatives who shall be regarded as, and enjoy the same privileges of, regular members except for voting rights as hereinbefore provided.

Article III

Association Dues

Section 1. Scale of dues. Each member shall pay Association dues for each year from January 1 to December 31 following, payable on January 1 of each year in advance. The amounts of dues shall be as follows for each class of membership:

(a) Regular membership -- $25.00
(b) Junior membership -- $12.50
(c) Senior membership -- $12.50
(d) Institutional membership -- $100.00

The above amounts of dues shall include the individual subscription of the member to the official journal of the Association.

Section 2. Default in payment. Membership for any calendar year shall become delinquent as of April 1 of that year if dues are not paid prior to that date.

Article IV

Selection of Fellows

Section 1. Title. The Title of the award shall be "Fellow of the American Agricultural Economics Association."

Section 2. Criteria for Selecting Fellows. The main consideration shall be continuous contribution to the advancement of agricultural economics. Achievements may be in the field of research, teaching, extension, administration or business.

Section 3. Nomination. Any member of the Association may nominate any living member for the honor of election as Fellow by submitting the name to the Secretary-Treasurer of the Association prior to a date to be announced (preceding the election each year) in the American Journal of Agricultural Economics or any other communication to the membership. Any member making a nomination should be prepared upon request to submit biographical information in twelve copies in support of the nominee. A nominee must be a current member of the Association in good standing or have been a member thereof for at least ten years.

Section 4. Candidates. The executive board of the Association shall select candidates from the nominees (approximately twice the maximum number to be elected) and present the list of candidates to the fellows election committee of the Association together with supporting biographical data for each.

Section 5. Election. The fellows election committee shall select the Fellows, not to exceed four in any one year, from the nominees submitted by the executive board of the Association.

Section 6. Reporting election. The chairman of the fellows election committee shall report to the president and the secretary-treasurer of the Association at least 60 days before the annual meeting the names of the newly elected Fellows.

Section 7. Announcement of election. The names of the newly elected Fellows shall be announced at the annual meeting of the Association by the president of the Association or his appointed representative, who shall read a statement regarding the achievements of each Fellow and shall present a certificate of recognition to the person so honored. The statement regarding achievements shall be published in the proceedings issue of the official journal of the Association.

Section 8. Fellows election committee. The Fellows election committee shall operate with a chairmanship revolving annually and shall be composed of five

Fellows and a designated representative of the executive board. The Fellows on the fellows election committee shall be selected as follows:

(a) Each year the president of the Association shall appoint a member from among the Fellows for a five-year term to replace the member whose term expires.

(b) The president shall appoint members to fill unexpired terms if vacancies occur during an incumbency and in so doing shall designate the unexpired portion of the term for which each appointment is made.

(c) Each year the president shall appoint among members of the committee the chairman of the committee.

(d) The president may appoint a secretary for the fellows election committee who need not be a member of the fellows election committee or a fellow of the Association.

Article V

Awards Program

The awards program of the American Agricultural Economics Association has evolved over a number of years to recognize and enhance professional excellence in several subfields of the discipline of Agricultural Economics. Nominations recognize professional achievement at the student, the young professional, and the more experienced status, in research, teaching, and extension activities.

Section 1. Distinguished extension programs. The Distinguished Extension Program Awards recognize achievement of excellence in extension economics teaching programs. Two awards are offered. One of the awards is given to an individual who has been in extension education for less than 10 years. One award is given to an extension teacher with 10 or more years of experience.

Nominations may be made by any member(s) of the AAEA and selection is made from among those nominated. The nominee must have been active in extension teaching within one year of the nomination and the content of teaching efforts must be principally in the field of agricultural economics. Renominations are invited if supporting materials are brought up to date and resubmitted. Each nomination must be made by separate letter accompanied by eight copies of documentary evidence indicating:

(a) Nominee's name and extension title,
(b) Extension program area in which teaching is conducted,
(c) Identification of the clientele served,
(d) Objectives of the educational program,
(e) Teaching techniques, educational methods, and materials utilized, and
(f) Effectiveness of the extension teaching effort in terms of clientele response and/or establishment of the utility of the extension teaching program.

Section 2. Distinguished undergraduate teaching. The Distinguished Undergraduate Teaching Awards have been established to recognize and encourage meritorious performance in undergraduate teaching in agricultural economics. Two awards are given as follows: One for an undergraduate teacher with less than 10 years of experience. One for an undergraduate teacher with 10 or more years of experience.

Nominations may be made by any member(s) of the AAEA and selection is made from those nominated. Renominations are invited if supporting materials are brought up to date and resubmitted.

(a) Nominees must be actively engaged in teaching at a professional level during the school year during which the nomination is made.

(b) Nominees must have demonstrated outstanding ability as an undergraduate teacher of agricultural economics.

(c) The committee chairman provides a standard nominating form to department heads and chairmen specifying nomination procedures, number of copies of documentation evidence, etc.

(d) Supporting evidence plus letters of reference from peers and students are limited to three pages for each category of evaluation.

Section 3. Outstanding master's degree programs. The Outstanding Master Degree Program awards have as their objective development of professional excellence by individuals pursuing Master's degree programs in agricultural economics. Three awards are offered. A cash supplement of $250 accompanies each award.

Nominations may be made from any department engaged in training agricultural economists at the Master's degree level.

(a) An entry must be submitted by the head or chairman of the department where the degree is earned.

(b) A department may submit one nomination for each 15 Master's degree candidates or fraction thereof presented to a graduate school faculty in the calendar year preceding the year of recognition. In determining the number of eligible candidates, departments should limit consideration to candidates who will receive a degree in agricultural economics and to candidates who have taken agricultural economics as a field of emphasis.

(c) Nominations should include thesis or other comparable documentation.

(d) Selection will be made from documentation approved in final form by the student's advisory committee during the calendar year preceding the year of recognition, provided the candidate has met all other formal requirements for the Master's degree.

(e) A published thesis may be entered in both the published research and Master's program classes but is eligible for only one award. Although a published thesis is acceptable, a copy of the thesis as submitted to the graduate faculty should be sent whenever possible.

(f) Three copies of a thesis (or comparable document) must be sent to the subcommittee chairman. All copies are returned after they have been read by the judges.

Section 4. Outstanding doctoral programs award. The Outstanding Doctoral Programs Awards are given in recognition of development of professional excellence for persons pursuing a doctoral program in agricultural economics. Three awards are given accompanied by a cash supplement of $250 each.

An entry must be submitted by the head or chairman of the department where the thesis or comparable document was presented in partial fulfillment of requirements for a degree.

(a) A department may submit one nomination for each 12 doctoral candidates or fraction thereof presented in agricultural economics to a graduate school faculty in the calendar year preceding the year of recognition. In determining the number of eligible nominations, departments should limit consideration to candidates who received a degree in agricultural economics and to candidates who have taken agricultural economics as a field of emphasis.

(b) Selection is made from theses (or comparable documents) approved in final form by the student's advisory committee during the calendar year preceding the year of recognition, provided the candidate has met all other formal requirements for the doctoral degree.

(c) A published thesis may be entered in both the published research and thesis categories but is eligible for only one award. Although a published thesis is acceptable, a copy of the thesis as submitted to the graduate faculty should be sent whenever possible.

(d) Three copies of a thesis must be sent to the subcommittee chairman. All copies are returned after they have been read by the judges.

Section 5. Professional publications. Four major awards are given to encourage excellence in types of publications in all areas of agricultural economics. These awards include:

Award for Quality of Research Discovery
Award for Quality of Communication
Award for Publication of Enduring Quality
Award for Outstanding Journal Article

Each award program is administered by a subcommittee. Any publication authored or co-authored by a member of a specific subcommittee is ineligible for an award from that subcommittee.

(a) Quality of Research discovery and quality of communication.

(1) General Rules.
a. No requirements regarding number of authors or professional experience is imposed.
b. Nominations may be by individuals, departments, or agencies.
c. Nine copies of each publication should be submitted unless expense for the individual is excessive. Return of the publication is not customary but can be requested.
d. Nominations should be submitted for only one category within which it is judged and must be so identified. A given article is eligible for only one award in either the quality of research discovery or quality of communication category.

(2) Quality of research discovery.
a. A maximum of two awards are given. Entries must specify that the nomination is to be judged for the quality of research discovery and must have been published in the calendar year preceding the year of recognition.

(3) Quality of communication.
a. A maximum of two awards are given. Entries must specify that the entry is to be judged for its quality of communication and must have been published in the calendar year preceding the year of recognition.

(b) Publication of Enduring Quality. One award is offered for a publication which has a publication date in the 15-year period commencing ten full calendar years prior to the year of recognition. Entries are judged on the basis of the enduring quality of their contribution to the profession.

Eligible entries are articles in the AJAE (during the period considered, this was the JFE) whether or not the authors are Association members; and other publications by authors, one of whom was a member of the Association at the time of publication. Entries may be submitted by departments or other administrative units, by colleagues, or by the authors themselves. Publications receiving an award in any other category in previous years are eligible for this award.

(c) Outstanding journal article. The editors and editorial council of the American Journal of Agricultural Economics, with the editor as chairman, shall choose an outstanding article in the volume published in the year preceding the year of recognition. All articles and notes are automatically eligible for consideration except those based on award winning theses or publications, the president's address, and the fellow's lecture. An author can receive the award no more than once in any three-year period.

Section 6. General recognition. Recipients of awards are presented at the Annual Awards Program of the Association at the annual meeting. Winners for all categories are identified in the annual meeting awards program brochure and in the Proceedings issue of the American Journal of Agricultural Economics.

Article VI

Duties of Officers

Section 1. President. The president shall be the chief executive officer of the Association and, subject to the control of the executive board, shall in general supervise and conduct the business and affairs of the Association. He shall, when present, preside at all meetings of the Association and of the executive board. He shall have authority to sign, execute, and acknowledge, on behalf of the Association, those instruments provided in Article VIII hereof and instruments necessary or proper to be executed in the course of the Association's regular business or which shall be authorized by resolution of the executive

board. The president shall make appointments to special and standing committees and subcommittees created by action of the executive board or general membership. In consultation with the Executive Board, he shall be responsible for preparing a program for the annual meeting. In general, the president shall perform all duties incident to the office of president and such other duties as may be prescribed by the executive board from time to time.

Section 2. President-elect. In the event of temporary disability of the president to perform his duties or his absence from any meeting of the general membership or of the executive board, the president-elect shall perform the duties of the president during the continuance of such temporary disability or absence as acting president, and when so acting shall have all the powers of and be subject to all the restrictions upon the president. The president-elect shall perform such other duties and have such authority as from time to time may be assigned to him by the president or the executive board.

In the event of death, incapacity or inability to serve of the president-elect, as provided in Article VI, Section 1 of the Constitution, the executive board shall determine, giving due consideration to exigencies of time, whether the selection of a president shall be by vote of members of the Association having voting power by mail ballot or by vote of the members of the Association at the annual meeting.

Section 3. Secretary-Treasurer. The Secretary-Treasurer shall (a) keep the minutes of the meetings of the general membership of the Association and of the executive board in one or more books provided for that purpose; (b) see that all notices are duly given in accordance with the provisions of these Bylaws, the Constitution, Articles of Incorporation, or as required by law; (c) be custodian of the Association's records; (d) maintain the register of the post office address of members of each class; (e) certify resolutions; (f) have charge and custody and be responsible for all funds and securities of the Association, receive and give receipts for moneys due and payable to the Association from any source whatsoever, endorse and deposit all such moneys in the name of the Association in such banks, trust companies or other depositories as shall be designated by resolution of the executive board; (g) function as principal accounting officer in charge of books of account, accounting records, and forms of the Association; (h) maintain adequate records of all assets, liabilities, and transactions of the Association; (i) obtain from other officers all reports needed for recording the general operation of the Association or for supervising and directing accounts; and (j) in general perform all of the duties incident to the office of secretary-treasurer and have such other duties and exercise such other authority as from time to time may be delegated or assigned to him by the president or the executive board. The secretary-treasurer shall be covered by a fidelity bond in an amount determined by resolution of the executive board.

Section 4. Appointments. As an operating procedure, the executive board may reach agreements with appointees to the positions of secretary-treasurer and editor of the official journal of the Association for appointments of three to five years with the provision for an evaluation preceding reappointment each year and a performance review at the end of the three to five year appointment if an additional three to five year term is being considered. However, nothing in the agreement between the executive board and a candidate for either position shall be deemed to create a contractual obligation beyond that specified in the Constitution of the Association.

Article VII

Elections

Section 1. Ballots. Not later than May 1 of each year, the secretary-treasurer shall mail by first class an official ballot and an official envelope to each member of the Association having voting rights as of April 1, as determined by the payment of dues for that year. Said ballot shall provide for an opportunity to vote for a nominee for each elective office to be filled. The nominees for

each director shall be listed and voted upon, independently from other positions on the executive board. For each elective office, the ballot shall contain one blank line for write-in candidates. A brief biographical sketch of each nominee selected by the nominating committee shall be included. To be counted by the tellers, the official ballot shall be returned in the official envelope which shall be marked on the outside thereof as follows:

"Official Ballot Envelope. Official Ballot of Officers and Directors of the American Agricultural Economics Association. This ballot must reach the secretary-treasurer not later than June 15 to be counted."

Prior to mailing of ballot materials to eligible voters, an identifying number shall be placed on each official ballot envelope sent. The secretary-treasurer may deviate from the above procedures for foreign membership if prescribed by the executive board.

Section 2. Tellers. The sealed ballots shall be opened by tellers appointed by the president. The results shall be reported to the executive board not later than July 1 and appropriately thereafter to the membership. The persons receiving a plurality of votes shall be declared elected. A tie for any office shall be resolved by chance, conducted under the supervision of the tellers and reported to the executive board.

Article VIII

Commercial Transactions

Section 1. Endorsement of stock certificates. Any share or shares of stock issued by any corporation and owned by this Association may, for sale or transfer, be endorsed in the name of the Association by the president or the secretary-treasurer, subject to specific directions as to such sale or transfer by the executive board.

Section 2. Voting of shares. Any share or shares of stock issued by any corporation and owned by this association may be voted at any shareholders' meeting of such corporation in person or by proxy by the president or the secretary-treasurer.

Section 3. Deposits. All funds of the Association not otherwise employed shall be deposited from time to time to the credit of the Association in such banks, trust companies, or other depositories as may be determined by resolution of the executive board.

Section 4. Execution of deeds, mortgages and releases. All deeds conveyances, leases and mortgages of real property made by the Association shall be executed by the president, and all releases of mortgages, liens, judgments, and other claims that are required by law to be made a matter of record may be executed by the president or secretary-treasurer of the Association.

Section 5. Negotiable instruments. All checks, drafts, notes, bonds, bills of exchange, and orders for the payment of money of the Association must be signed by either the president or the secretary-treasurer.

Section 6. Borrowing money. The secretary-treasurer may borrow money up to a maximum total amount of twenty-five thousand dollars without further executive board authorization and may pledge as security therefor stocks and securities of the Association as required.

Section 7. Purchase and sale contracts. The president shall have the authority to enter into written or oral contracts for the purchase and sale of goods and services on behalf of the Association. The secretary-treasurer may enter into written or oral contracts for the purchase of supplies, postage, printing services, and other goods and services reasonably related to operation of the office of secretary-treasurer.

Article IX

Fiscal Year

The fiscal year of the Association shall begin on the first day of January and end on the thirty-first day of December in each year.

Article X

Procedures for Meetings

Section 1. Resolutions. All resolutions pertaining to policy matters presented from the floor at meetings of the Association for approval must be submitted at least one full day in advance to the executive board. The executive board shall report all such proposed resolutions and resolutions initiated by the executive board and the president to the general membership for action with appropriate recommendation for or against passage.

Section 2. Appropriations. All motions presented from the floor at meetings of the Association entailing, directly or indirectly, appropriation of moneys of the Association, must be submitted at least two full days in advance to the executive board. The executive board shall report all such proposed motions to the general membership for action with appropriate recommendations for or against passage.

Section 3. Parliamentary authority. The rules contained in Roberts' Rules of Order Revised shall govern meetings of this Association in all cases in which they are applicable and in which they are not inconsistent with these Bylaws, the Constitution, the Articles of Incorporation, or applicable law.

Article XI

Appropriations and Expenses

Section 1. Annual budget. The executive board shall approve the annual budget for the Association, which approval shall constitute authorization for expenditure.

Article XII

Committees

Section 1. Standing Committees. There shall be standing committees on

Audit
Awards
Membership and Institutional Membership
Fellow Election
Finance
Economic Statistics
Editorial Council
Professional Activities
Tellers
Resident Instruction

Each standing committee may recommend to the executive board the creation of specific subcommittees.

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Section 2. Special committees. There shall be such special committees as the executive board shall from time to time create by resolution.

Section 3. Ad hoc committees. The president may from time to time create ad hoc committees whose existence shall terminate with the expiration of the president's term of office.

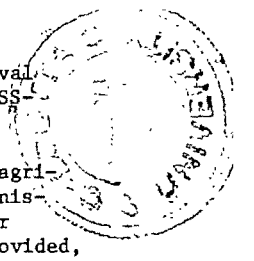
Section 4. Travel expenses for committee activities. Committees may incur travel expenses in connection with their assignments only as specifically authorized by action of the Executive Board except that the President may at his discretion authorize travel expenses for an individual member in clearly unusual circumstances. In general, the Association does not assume responsibility for travel or other expenses associated with committee activities.

Article XIII

Student Section

Section 1. Authority for Student Section. There is hereby created an organization within the Association to be known as the Student Section — American Agricultural Economics Association (hereinafter referred to as the SS-AAEA). The SS-AAEA shall function pursuant to a constitution which shall be developed initially by the SS-AAEA or a committee thereof, approved by a two-thirds vote of the SS-AAEA members present and voting at a meeting of the SS-AAEA at which a quorum is present, and then submitted to the Executive Board of the Association for approval. For purposes of this section, representation from at least twenty percent (20%) of the chartered chapters shall constitute a quorum. Amendments to the constitution of the SS-AAEA shall likewise be submitted to a vote of the members of the SS-AAEA under the voting and quorum rules hereinbefore specified and then submitted to the Executive Board of the Association for approval. The constitution of the SS-AAEA may provide for a statement of purposes membership rules consistent with the Bylaws of the Association, selection of officers, election of a governing board of not more than seven (7) members in addition to the officers, duties of officers and the governing board, and provisions for meetings, voting (including apportionment of voting rights on the basis of chartered chapters for all matters except for approval of the initial constitution of the SS-AAEA or any amendments thereto which shall require a vote of the members as herein provided) and standing committees. The governing board of the SS-AAEA may develop bylaws containing internal governing rules for the SS-AAEA, which bylaws shall be submitted to the Resident Instruction Committee of the Association for approval after the bylaws or amendments thereto have been approved by majority vote of the governing board.

Section 2. Chartering of local chapters. Any Department of Agricultural Economics, Department of Economics having programs of undergraduate study in agricultural economics or agricultural business or any college or university or division thereof having programs of undergraduate study in agricultural economics or agricultural business, may make application to the Resident Instruction Committee of the Association for the creation of a chapter of the SS-AAEA. Upon making such application, fulfilling requirements imposed by the Resident Instruction Committee and paying a charter fee of five dollars ($5), such chapter shall be created by issuance of a charter by the Resident Instruction Committee, signed by the chairman of such Committee, the president of the Association, a director of the Association appointed by the president of the Association as a liaison member of the Resident Instruction Committee, and the president of the SS-AAEA. Charters shall be issued initially for a term of five years and may be renewed for successive terms of five years each upon filing an application for renewal and payment of a renewal fee of five dollars ($5) for each such renewal. For chapters chartered prior to January 1, 1965, such charters shall be deemed to expire on January 1, 1970, unless application for renewal is filed and renewal fee is paid prior to said date. Payments for original and renewal charter fees shall be made payable to the treasurer of the SS-AAEA and shall be transmitted



to the chairman of the Resident Instruction Committee who shall, upon approval and issuance of the Charter, forward such payments to the treasurer of the SS-AAEA.

Section 3. Membership. Any undergraduate student majoring or minoring in agricultural economics, agricultural business or other curricula within or administered by a Department of Economics or Agricultural Economics in a college or university, or any member of a locally chartered chapter as hereinbefore provided, may become a member of the SS-AAEA. Members of a duly chartered local chapter shall be deemed automatically to be members of the SS-AAEA by virtue of membership in the local chapter. Membership certificates may be purchased by local chapter organizations from the SS-AAEA. An individual who is otherwise qualified for membership but who is not a member of a chartered chapter may become a member of the SS-AAEA by filing application with the treasurer of the SS-AAEA. Membership certificates shall bear the seal of the Association which shall be applied by the chairman of the Resident Instruction Committee or his or her designated representative. Membership in the SS-AAEA shall not be considered a condition precedent to participation in events of the SS-AAEA, nor shall such membership be considered an eligibility requirement for awards given by the Association.

Section 4. Accountability of funds. All charter fees and other funds generated by the SS-AAEA shall be made payable to the treasurer of the SS-AAEA and transmitted to the treasurer of the SS-AAEA for recordation and consolidation, and then forwarded to the Treasurer of the Association for credit on the books of account of the Association in such account or accounts in the name of the SS-AAEA as shall be deemed advisable by the treasurer of the Association. The treasurer of the SS-AAEA shall be bonded to an amount of at least two thousand dollars ($2,000) by a general fiduciary bond. All payments from funds of the SS-AAEA shall be by check drawn by the treasurer of the Association as drawer upon request by the treasurer of the SS-AAEA which request shall be countersigned by the chairman of the Resident Instruction Committee of the Association or his or her designated representative. The SS-AAEA shall prepare a budget each year with the budget submitted to the Resident Instruction Committee for approval prior to the beginning of the accounting period involved.

Section 5. Role and duties of the Resident Instruction Committee. The Resident Instruction Committee of the Association shall be responsible for working with and coordinating activities of the SS-AAEA as an integral part of the Association as a professional organization; encouraging, supervising and approving the chartering of local chapters of the SS-AAEA; approving bylaws of the governing body of the SS-AAEA and all amendments thereto; approving expenditures from SS-AAEA funds; assisting the officers and governing board of the SS-AAEA in preparation of an annual budget; approving the annual budget of the SS-AAEA; providing advice and counsel to the officers, governing board and committees of the SS-AAEA; communicating with and making recommendations to the Executive Board of the Association regarding the affairs and programs of the SS-AAEA; assisting in program planning for SS-AAEA meetings; facilitating the organization and conduct of regional and national meetings in furtherance of the purposes of the SS-AAEA; and such other duties as the Executive Board of the Association may assign.

Article XIV

Journal

Section 1. Role of Executive Board. The executive board shall —

(a) Elect the editor of the American Journal of Agricultural Economics (hereinafter referred to as the Journal) from nominations made by the president.

(b) Approve the criteria to be used in selecting members of the Editorial Council.

(c) Determine long-run policies affecting the Journal, including copyright and related policies.

(d) Approve the general content of special issues of the Journal.
(e) Select the printer.
(f) Determine the annual budget for editorial operations and printing of the Journal.

Section 2. Role of the editor. The editor shall —

(a) Select the other members of the editorial staff and assistants.
(b) Determine the content of each regular issue of the Journal.
(c) Determine the format of the Journal.
(d) Determine operational policies for the position.
(e) Attend each regular meeting of the executive board, or be represented thereat by the associate editor, with travel costs paid by the Association.

Section 3. The Editorial Council. Members of the editorial council shall be appointed by the president-elect on recommendation of the editor. The editorial council shall select the paper to receive the award as the outstanding Journal article.

Article XV

Amendments

These Bylaws may be amended by a majority vote of the members of the executive board present at a meeting at which a quorum is present and at which the same is voted on.

Revised and Approved
August 15, 1976

CHARTER MEMBERS

The membership of the American Farm Economic Association as of 1919-20, which included members of the previously organized American Farm Management Association and American Association of Agricultural Economists, may be considered the chartered members. Records are incomplete but it is believed that membership was about 600. The following list of 430 "charter" members as defined above was developed by the late R. G. Bressler, Jr.

Abell, M.F.
Adams, R.L.
Allbaugh, L.G.
Allen, F.L.
Allred, C.E.
Anderson, A.E.
Anderson, E.F.
Anderson, E.O.
Anderson, E.W.
Anderson, Leroy
Anderson, O.L.
Andrews, J.B.
Andrews, M.E.
App, Frank
Arnold, J.H.
Ashby, W.W.
Ashton, T.H.
Ausman, L.V.
Ayres, O.L.
Baker, H.J.
Baker, O.E.
Ball, J.S.
Ballard, F.L.
Balmer, F.E.
Barron, J.H.
Bassett, L.B.
Becker, J.A.
Beeson, M.A.
Benedict, M.R.
Bennett, C.M.
Benton, A.H.
Billings, G.A.
Black, J.D.
Boeger, E.A.
Boomer, G.R.
Boss, Andrew
Bowles, P.S.
Bowman, A.E.
Boyle, L.F.
Bradlee, Thomas
Bradley, L.P.
Branch, F.H.
Brand, R.E.
Bridgeforth, G.R.
Brodie, D.A.
Bronson, W.H.
Brossard, E.B.
Brown, E.A.
Browning, Robert
Bruce, G.W.
Brunson, E.B.
Bugby, M.O.
Bull, S.L.
Burdick, R.T.
Burford, G.S.
Burritt, M.C.
Buttler, W.R.
Bye, F.P.
Carncross, E.A.
Case, H.C.M.
Cates, C.S.
Cates, H.R.
Cates, J.S.
Cavert, W.L.
Chapin, R.W.
Chase, C.F.
Chase, F.J.
Cheeseman, J.B.
Chubbuck, Levi
Chubbuck, M.E.
Churchill, C.O.
Clapp, F.C.
Clark, A.L.
Clark, C.P.
Cleland, S.B.
Clinton, L.A.
Clothier, R.W.
Coffey, G.N.
Connor, L.G.
Cook, William
Cooper, M.O.
Cooper, M.R.
Cooper, T.P.
Corbett, L.L.
Cotton, J.S.
Cox, A.B.
Cox, H.R.
Cromwell, A.D.
Crosby, M.A.
Crow, J.W.
Currier, E.L.
Curry, B.E.
Cutler, J.C.
Dadisman, A.J.
Dadisman, A.T.
Dagger, G.N.
Davis, I.G.
Dean, W.H.
Dickey, J.B.R.
Dixon, H.M.
Doane, D.H.
Dodge, L.G.
Doherty, W.T.K.
Donald, J.S.
Drake, J.A.
Duryee, W.B. Jr.
Dynes, R.C.
Eastman, J.F.
Eastman, M.G.
Edwards, Harold
Eldred, A.R.
Eldredge, B.
Eliot, H.M.
Elser, W.L.
Ely, R.T.
Emerson, A.E.
Engberg, R.C.
Enz, J.F.
Erdman, H.E.
Evans, R.J.
Eyerly, E.K.
Fain, John R.
Falconer, J.I.
Farrell, F.D.
Fassett, H.G.
Filley, H.C.
Fisher, M.L.
Fluharty, L.W.
Foard, W.E.
Foord, W.D.
Foristall, E.H.
Forster, G.W.
Fortuyn, L.D.
Fox, D.S.
Fraser, W.J.
Fratt, G.N.
Frear, D.W.
Frowley, J.W.
Funk, W.C.
Gabrici, L.D.
Galpin, C.J.
Gardner, F.D.
Garey, L.F.
Garrison, J.H.
Gates, Frederick
Geismar, L.M.
Geldenhuys, F.E.
Genung, A.B.
Gilbertson, H.W.
Gillett, R.L.
Gittings, C.C.
Gittings, E.J.
Goddard, L.H.
Goldenhuys, F.E.
Goldenweiser, E.A.
Goodrich, C.L.
Grant, C.J.
Gray, L.C.
Granthan, A.E.
Graves, C.H.
Green, R.M.
Greene, H.F.
Greene, M.H.
Grimes, W.E.
Grunwald, Kurt
Gulick, F.H.
Gunn, R.V.
Hamilton, C.H.
Hammond, Girard
Handschin, W.F.
Hankinson, J.H.
Harding, H.A.
Harper, J.N.
Harris, A.L.
Harris, F.S.
Harter, W.L.

Harvey, L.E.
Haskell, E.S.
Hauter, L.H.
Hawthorn, H.W.
Hays, W.M.
Hayward, Harry
Heilman, W.H.
Hennis, C.M.
Hibbard, B. H.
Hibberd, G.H.
Hibshman, E.H.
Hill, W.D.
Hillequist, H.M.
Hobson, A.
Holmes, C.L.
Hope, C.E.
Horlick, A.J.
Horlick, Wm. Jr.
Hover, C.L.
Howe, F.W.
Howell, L.G.
Huey, C.G.
Hughes, D.D.
Hughes, H.D.
Humphrey, H.N.
Hunter, Byron
Hutson, J.B.
Iberico, J.R.
Jardine, W.M.
Jayne, S.O.
Jeffers, H.W.
Jeffery, J.A.
Johnson, E.C.
Johnson, J.M.
Johnson, M.B.
Johnson, O.M.
Johnson, O.R.
Johnson, W.A.
Jones, Earl
Jones, J.L.
Jones, M.D.
Jorgensen, B.C.B.
Juve, O.A.
Kephart, L.W.
Keyes, H.F.
Kezer, Alvin
Kidder, A.F.
Kilgore, B.W.
Kirkpatrick, K.A.
Knowlton, F.L.
Krauss, F.G.
Ladd, C.E.
Lauck, W.H.
LaFeber, John
Lehman, H.A.
Leitch, A.
Leth, R.J.
Linfield, F.B.
Lippitt, W.D.
Livermore, K.C.
Livingston, George
Lloyd, O.G.
Lloyd, W.A.
Loveland, E.H.
Lyons, F.F.
MacDougall, A.F.
Macklin, T.
Magid, L.B.
Magruder, D.G.
Magruder, R.H.
Manchester, A.W.
Mayland, E.
Marquis, J.C.
Marshall, F.J.
Marshall, J.D.
Martindale, R.V.
McCabe, E.D.
McClure, H.B.
McCulloch, M.E.
McDonald, B.A.
McDowell, J.C.
McKee, J.M.
McLeod, J.H.
McNair, A.D.
McNall, P.E.
McMillan, S.A.
Meeker, F.N.
Mendum, S.W.
Miller, A.E.
Miller, C.E.
Miller, G.H.
Miller, H.A.
Miller, R.N.
Misner, E.G.
Monroe, C.F.
Montgomery, C.W.
Montgomery, Frank
Moorhouse, L.A.
Morgan, H.A.
Morgan, J.O.
Mowry, H.H.
Mumford, Eben
Mumford, H.W.
Munger, H.B.
Myers, W.I.
Nathan, A.N.
Needham, R.A.
Newman, C.L.
Newton, L.W.
Nicholls, W.D.
Nichols, G.R. Jr.
Noble, C.V.
Norling, A.L.
Norton, L.J.
Nuckols, A.B.
Oates, M.B.
Oleson, N.A.
Olin, W.H.
Orcutt, J.C.
Ostrander, W.A.
Otis, D.H.
Parker, W.B.
Pats, H.O.
Patterson, H.F.
Peacock, W.M.
Pearson, F.A.
Pease, R.W.
Peck, F.W.
Peck, W.A.
Pence, M.O.
Peterson, P.E.
Phillips, L.S.
Phillips, T.D.
Pond, G.A.
Preston, C.F.
Price, H.B.
Prince, F.S.
Pugsley, C.W.
Pullen, J.S.
Rankin, J.O.
Rasmussen, M.P.
Rauchenstein, E.
Rayner, O.S.
Reed, C.P.
Reed, W.G.
Rhoades, E.L.
Richards, D.J.
Robertson, F.E.
Robertson, L.S.
Robinson, G.H.
Robinson, L.E.
Rockwell, F.F.
Rogers, H.B.
Roper, F.A.
Ross, A.B.
Rothenberger, W.H.
Rulison, H.K.
Rundles, J.C.
Sarle, C.F.
Schempp, G.C. Jr.
Scoville, G.P.
Scudder, H.D.
Severance, George
Shaw, C.F.
Sheay, J.P.
Sherpardson, J.E.
Short, A.K.
Simmons, G. E.
Slovan, J.J.
Smith, A.G.
Smith, C.B.
Smith, E.L.
Smith, J.R.
Smith, Morell
Smith, S.G.
Smith, W.S.A.
Southwick, B.G.
Spafford, R.R.
Spillman, W.J.
Stanford, E.A.
Starr, S.H.
Stevens, F.D.
Stewart, C.L.
Stewart, R.L.
Stine, O.C.
Stitts, T.G.
Stone, W.E.
Strait, E.D.
Strait, H.G.
Stuart, D.
Summers, T.H.
Sweet, Lou D.
Sylvester, W.W.
Taber, R.F.
Taliaferro, W.T.L.
Taylor, C.C.
Taylor, E.L.
Taylor, F.W.
Taylor, H.C.
Teneyck, A.M.
Thomas, E.H.
Thompson, A.L.
Thompson, E.H.
Thompson, R.N.
Thompson, S.H.
Thomson, E.H.
Thomson, S.M.
Tibbitts, F.M.
Tolley, H.R.
Torblaa, E.M.
True, G.H.
Tubbs, W.J.
Turner, Frank
Turner, H.A.
Turpin, G.M.
Uber, J.E.
Vanderbilt, W.S. Jr.
Van Norman, H.E.
Van Pelt, D.H.
Van Schoik, R.H.
Vass, A.F.
Voorhees, J.H.
Wakeley, L.M.
Waller, A.G.
Wallis, H.M.
Warfield, Edwin Jr.
Warner, E.S.
Warren, G.F.
Washburn, R.S.
Webster, E.H.
Wendt, G.H.
Wheeler, H.J.
Whelpton, P.K.
Whitson, Jay
Wilcox, E.V.
Wilcox, R.H.
Wilder, H.J.
Willard, J.D.
Willard, R.E.
Williams, C.B.
Williams, H.F.
Wilson, A.D.
Wilson, C.A.
Wilson, M.C.
Wilson, O.A.
Wilson, W.H.
Winsor, L.M.
Wood, D.C.
Wooton, E.O.
Working, D.W.
Wright, R.V.
Yerkes, A.P.
Young, E.C.
Young, H.P.
Youngblood, B.
Zang, A.J.

Annual Meetings and Officers of The American Agricultural Economics Association, Including Its Predecessors--The American Farm Management Association and The American Farm Economic Association

Officers in charge of these meetings were elected at the preceding meeting

Meeting	Year	Place	Presidents	Vice Presidents	Secretary-Treasurer
1st	1910	Ames, IA	W.J. Spillman	D.H. Otis	G.F. Warren
2nd	1911	Columbus, OH	W.J. Spillman	D.H. Otis	G.F. Warren
3rd(Jan)	1913	Wash., DC	W.J. Spillman	D.H. Otis	G.F. Warren
4th(Nov)	1913	Wash., DC	G.F. Warren	Andrew Boss	C.L. Goodrich
5th	1914	Wash., DC	D.H. Otis	W.M. Jardine	G.A. Billings
6th	1915	Berkeley, CA	Andrew Boss	J.A. Foord	G.A. Billings
7th	1916	Wash., DC	H.A. Morgan	H.W. Jeffers	G.A. Billings
8th	1917	Philadelphia, PA	H.W. Jeffers	F.W. Peck	G.A. Billings
9th(Jan)	1919	Baltimore, MD	G.A. Billings	J.R. Fain	K.C. Livermore
10th(Nov)	1919	Chicago, IL	J.R. Fain	L. Moorehouse	F.W. Peck
11th	1920-21	Wash., DC	H.C. Taylor	W.F. Handschin	F.W. Peck
12th	1921	Pittsburgh, PA	W.F. Handschin	F.W. Peck	J.I. Falconer
13th	1922	Chicago, IL	B.H. Hibbard	J.A. Foord	J.I. Falconer
14th	1923	Wash., DC	T.P. Cooper	H.E. Erdman	J.I. Falconer
15th	1924	Chicago, IL	E.G. Nourse	W.I. Myers	J.I. Falconer
16th	1925	New York, NY	M.L. Wilson	A. Leith	J.I. Falconer
17th	1926	St Louis, MO	T.N. Carver	C.L. Holmes	J.I. Falconer
18th	1927	Wash., DC	J.I. Falconer	O.B. Jessness	W.I. Myers
19th	1928	Chicago, IL	L.C. Gray	M.R. Benedict	W.I. Myers
20th	1929	Wash., DC	H.E. Erdman	I.G. Davis	W.I. Myers
21st	1930	Cleveland, OH	H.C.M. Case	L.G. Foster	W.I. Myers
22nd	1931	Wash., DC	O.C. Stine	F.P. Weaver	W.I. Myers
23rd	1932	Cincinnati, OH	J.D. Black	V.B. Hart & C. Stewart	Asher Hobson
24th	1933	Philadelphia, PA	H.R. Tolley	J.F. Booth & L. Gabbard	Asher Hobson
25th	1934	Chicago, IL	W.I. Myers	E.C. Young & W. Grimes	Asher Hobson
26th	1935	New York, NY	W.E. Grimes	L. Spencer & W.C. Waite	Asher Hobson
27th	1936	Chicago, IL	J.S. Davis	H.M. Dixon & A.F. Vass	Asher Hobson
28th	1937	Atlantic City, NJ	O.B. Jessness	N.A. Olsen & T. Schultz	Asher Hobson
29th	1938	Detroit, MI	E.C. Young	J. Lattimer & H.B. Price	Asher Hobson
30th	1939	Philadelphia, PA	I.G. Davis	E. Elliott & F. Waugh	Asher Hobson
31st	1940	New Orleans, LA	H.B. Price	G.A. Pond & H.B. Rowe	Asher Hobson
32nd	1941	New York, NY	M.R. Benedict	S.E. Johnson & L.J. Norton	Asher Hobson
33rd	1942	Cleveland, OH	G.S. Wehrwein	R.R. Renne & E.B. Hill	Asher Hobson
Exec-Comm only	1943 (Jan)	Chicago, IL	S. Johnson	H.R. Wellman & C. Hammar	Asher Hobson
Reg Mtg	1943 (Sept)	St Louis, MO	S. Johnson	H.R. Wellman & C. Hammar	Asher Hobson
Exec Comm only	1944 (Jan)	Wash., DC	Eric Englund	Karl Brandt & G.W. Forster	Asher Hobson
Exec Comm only	1945 (Feb)	Wash., DC	Eric Englund	Karl Brandt & G.W. Forster	Asher Hobson

Meeting	Year	Place	President	Vice Presidents	Secretary-Treasurer
34th (Dec)	1945	Chicago, IL	L.J. Norton	E.J. Working & D.H. Doane	Asher Hobson
35th (Dec)	1946	Phil., PA	F.V. Waugh	W.G. Murray & G.H. Aull	Asher Hobson
36th (Sept)	1947	Green Lake, WI	Asher Hobson	S.W. Warren & M.C. Clawson	L.J. Norton
37th (Sept)	1948	Green Lake, WI	W.G. Murray	E.L. Butz & Harold Hedges	L.J. Norton
38th (Aug)	1949	Laramie, WY	O.V. Wells	B.W. Allin & T.K. Cowden	L.H. Simerl
39th (Aug)	1950	Montreat, NC	W.C. Waite	J. Ackerman & K.H. Parsons	L.H. Simerl
40th (July)	1951	Guelph, CANADA	F.F. Hill	G.S. Shepherd & R. Bressler Jr.	L.H. Simerl
41st (Aug)	1952	Urbana, IL	G.H. Aull	M.M. Kelso & H.B. James	Don Paarlberg
42nd (Aug)	1953	Corvallis, OR	H.R. Wellman	D.G. Johnson & T.D. Morse	Don Paarlberg
43rd (Aug)	1954	St College, PA	T.K. Cowden	G.B. Wood & E.O. Heady	Earl L. Butz
44th (July-Aug)	1955	E. Lansing, MI	J. Ackerman	W.W. Cochrane & J.C. Bottom	L.S. Hardin
45th (Aug)	1956	Asilomar CA	Karl Brandt	L.W. Witt & Karl A. Fox	L.S. Hardin
46th	1957	L. Junaluska, NC	H.B. James	J.F. Timmons & C.P. Heisig	L.S. Hardin
47th	1958	Winnipeg, CANADA	H.C. Trelogan	G.E. Brandow & R.J. Penn	L.S. Hardin
48th	1959	Ithaca, NY	R.G. Bressler Jr.	A.J. Brown & K.L. Bachman	C.D. Kearl
49th	1960	Ames, IA	W.W. Cochrane	L.S. Hardin & N.M. Koffsky	C.D. Kearl
50th	1961	Ft Collins, CO	W.H. Nicholls	L. Boger & R. Clodius	C.D. Kearl
51st	1962	Storrs, CT	B.W. Allin	S. Berg & G.L. Johnson	C.D. Kearl
52nd	1963	Minneapolis, MN	G.E. Brandow	D.E. Hathaway & Sidney Hoos	C.D. Kearl
53rd	1964	Lafayette, IN	L.S. Hardin	H.F. Breimyer & H.M. Southworth	C.D. Kearl
54th	1965	Stillwater, OK	D.G. Johnson	C.E. Bishop & E.N. Castle	C.D. Kearl
55th	1966	College Pk., MD	K.L. Bachman	Ben C. French & G.S. Tolley	C.D. Kearl
56th	1967	Guelph, CANADA	L.W. Witt	K.L. Robinson & R.L. Kohls	C.D. Kearl
57th	1968	Bozeman, MT	C.E. Bishop	James Nielson & V.W. Ruttan	C.D. Kearl

Meeting	Year	Place	President	Directors	Secretary-Treasurer
58th	1969	Lexington, KY	H.F. Breimyer	J.S. Hillman J.H. Southern D.E. Butz C.R. Wharton J.O. Dunbar W.D. Toussaint	C.D. Kearl
59th	1970	Columbia, MO	D.E. Hathaway	D.E. Butz C.R. Wharton J.O. Dunbar W.D. Toussaint R.J. Hildreth L.G. Tweeten	J.C. Redman
60th	1971	Carbondale, IL	J.S. Hillman	J.O. Dunbar W.D. Toussaint R.J. Hildreth L.G. Tweeten D.E. McKee W.B. Sundquist	J.C. Redman
61st	1972	Gainesville, FL	V.W. Ruttan	R.J. Hildreth L.G. Tweeten D.E. McKee W.B. Sundquist L.M. Day L.T. Wallace	J.C. Redman
62nd	1973	Edmonton, CAN.	E.N. Castle	D.E. McKee W.B. Sundquist L.M. Day L.T. Wallace G.E. Heitz H.F. Robinson	J.C. Redman
63rd	1974	College Sta., TX	K.R. Tefertiller	L.M. Day L.T. Wallace G.E. Heitz H.F. Robinson F.A. Mangum B.F. Stanton	J.C. Redman
64th	1975	Columbus, OH	J. Nielson	G.E. Heitz H.F. Robinson F.A. Mangum B.F. Stanton Wallace Barr P.M. Raup	J.C. Redman
65th	1976	Univ. Park, PA	J.T. Bonnen	F.A. Mangum B.F. Stanton Wallace Barr P.M. Raup R.T. Crowder Sylvia Lane	J.C. Redman
66th	1977	San Diego, CA	K.R. Farrell	Wallace Barr P.M. Raup R.T. Crowder Sylvia Lane	J.C. Redman

Meeting	Year	Place	President	Directors	Secretary-Treasurer
67th	1978	Blacksburg,VA	R.J. Hildreth	R.T. Crowder Sylvia Lane	J.C. Redman

PAST EDITORS OF THE AMERICAN JOURNAL OF AGRICULTURAL ECONOMICS

Editors	Institution	Volumes	Years
L. A. Moorhouse	Office of Farm Management, USDA	1-3	1919-1921
O.C. Stine	Bureau of Agricultural Economics, USDA	4-6	1922-1924
E.G. Nourse	Institute of Economics Brookings Institution	7-8	1925-1926
H.R. Tolley	Bureau of Agricultural Economics, USDA	9-11	1927-1929
H.E. Erdman	University of California, Berkeley	12-14	1930-1932
O.B. Jesness	University of Minnesota	15-17	1933-1935
H.C.M. Case	University of Illinois	18-19	1936-1937
T.W. Schultz	Iowa State University	20-23	1938-1941
H.B. Price	University of Kentucky	24-25	1942-1943
Warren C. Waite	University of Minnesota	26-30	1944-1948
Walter W. Wilcox	Library of Congress	31-33	1949-1951
Lawrence W. Witt	Michigan State University	34-36	1952-1954
Harold G. Halcrow	University of Connecticut	37-39	1955-1957
Robert L. Clodius	University of Wisconsin	40-41	1958-1959
Herman M. Southworth	Pennsylvania State University	42-44	1960-1962
James Nielson	Michigan State University	45-47	1963-1965
Earl R. Swanson	University of Illinois	48-50	1966-1968
Varden Fuller	University of California at Berkeley (1969) at Davis (1970-1971)	51-53	1969-1971
Leo Polopolus	University of Florida	54-55	1972-1973
Max R. Langham and Leo Polopolus co-editors	University of Florida	55-56	1973-1974
William G. Tomek	Cornell University	57-59	1975-1977

THE AMERICAN AGRICULTURAL ECONOMICS ASSOCIATION AWARDS PROGRAM

The awards program of the American Agricultural Economics Association commenced in 1945 with a special awards, contest for papers on "A Price Policy of Agriculture". Following this, the "Best Journal Article Award" was established. The program has evolved over a number of years to recognize and enhance professional excellence in several subfields of the discipline of Agricultural Economics. The program was supported and financed originally by funds donated by persons and firms interested in advancing research and scholarship in Agricultural Economics, but it is now supported by the Association as one of its regular activities. Nominations recognize professional achievement at the student, the young professional, and the more experienced status, in research, teaching and extension activities. Recipients of awards are presented at the Annual Awards Program of the Association at the annual meeting. Winners for all categories are identified in the annual meeting awards program brochure and in the Proceedings issue of the American Journal of Agricultural Economics.

Professional Publications

To encourage excellence in types of publications in all areas of agricultural economics, four awards are given for (1) quality of research discovery, (2) quality of communication, (3) publication of enduring quality, and (4) outstanding Journal article. Each award program is administered by a subcommittee. Any publication authored or co-authored by a member of a specific subcommittee is ineligible for an award from that subcommittee.

Quality of research discovery and quality of communication.

A. General Rules.

   a. No requirements regarding number of authors or professional experience is imposed.
   b. Nominations may be by individuals, departments or agencies.
   c. Nine copies of each publication should be submitted unless expense for the individual is excessive. Return of the publication is not customary but can be requested.
   d. Nominations should be submitted for only one category within which it is judged and must be so identified. A given article is eligible for only one award in either the quality of research discovery or quality of communication category.

B. Quality of research discovery.

   a. A maximum of two awards are given. Entries must specify that the nomination is to be judged for the quality of research discovery and must have been published in the calendar year preceding the year of recognition.

C. Quality of communication.

   a. A maximum of two awards are given. Entries must specify that the entry is to be judged for its quality of communication and must have been published in the calendar year preceding the year of recognition.

Publication of enduring quality.

One award is offered for a publication which has a publication date in the 15-year period commencing ten full calendar years prior to the year of recognition. Entries are judged on the basis of the enduring quality of their contribution to the profession.

Eligible entries are articles in the AJAE (during the period considered, this was the JFE) whether or not the authors are Association members; and other publications by authors, one of whom was a member of the Association at the time of publication. Entries may be submitted by departments or other administrative units, by colleagues, or by the authors themselves. Publications receiving an award in any other category in previous years are eligible for this award.

Outstanding journal article.

The editors and editorial council of the American Journal of Agricultural Economics, with the editor as chairman, shall choose an outstanding article in the volume published in the year preceding the year of recognition. All articles and notes are automatically eligible for consideration except those based on award winning theses or publications, the president's address, and the fellow's lecture. An author can receive the award no more than once in any three-year period.

Doctoral Programs

The outstanding doctoral program awards are given in recognition of development of professional excellence for persons pursuing a doctoral program in agricultural economics. Three awards are given accompanied by a cash supplement of $250 each.

An entry must be submitted by the head or chairman of the department where the thesis or comparable document was presented in partial fulfillment of requirements for a degree.

(a) A Department may submit one nomination for each 12 doctoral candidates or fraction thereof presented in agricultural economics to a graduate school faculty in the calendar year preceding the year of recognition. In determining the number of eligible nominations, departments should limit consideration to candidates who received a degree in agricultural economics and to candidates who have taken agricultural economics as a field of emphasis.

(b) Selection is made from theses (or comparable documents) approved in final form by the student's advisory committee during the calendar year preceding the year of recognition, provided the candidate has met all other formal requirements for the doctoral degree.

(c) A published thesis may be entered in both the published research and thesis categories but is eligible for only one award. Although a published thesis is acceptable, a copy of the thesis as submitted to the graduate faculty should be sent whenever possible.

(d) Three copies of a thesis must be sent to the subcommittee chairman. All copies are returned after they have been read by the judges.

Master's Degree Programs

The outstanding master's degree program awards have as their objective development of professional excellence by individuals pursuing Master's degree programs in agricultural economics. Three awards are offered. A cash supplement of $250 accompanies each award.

Nominations may be made from any department engaged in training agricultural economists at the Master's degree level.

(a) An entry must be submitted by the head or chairman of the department where the degree is earned.

(b) A department may submit one nomination for each 15 Master's degree candidates or fraction thereof presented to a graduate school faculty in the calendar year preceding the year of recognition. In determining the number of eligible candidates, departments should limit consideration to candidates who will receive a degree in agricultural economics and to candidates who have taken agricultural economics as a field of emphasis.

(c) Nominations should include thesis or other comparable documentation.

(d) Selection will be made from documentation approved in final form by the student's advisory committee during the calendar year preceding the year of recognition, provided the candidate has met all other formal requirements for the Master's degree.

(e) A published thesis may be entered in both the published research and Master's program classes but is eligible for only one award. Although a published thesis is acceptable, a copy of the thesis as submitted to the graduate faculty should be sent whenever possible.

(f) Three copies of a thesis (or comparable document) must be sent to the subcommittee chairman. All copies are returned after they have been read by the judges.

Distinguished Undergraduate Teacher Awards

The distinguished undergraduate teaching awards have been established to recognize and encourage meritorious performance in undergraduate teaching in agricultural economics. Two awards are given as follows: One for an undergraduate teacher with less than 10 years of experience. One for an undergraduate teacher with 10 or more years of experience.

Nominations may be made by any member(s) of the AAEA and selection is made from those nominated. Renominations are invited if supporting materials are brought up to date and resubmitted.

(a) Nominees must be actively engaged in teaching at a professional level during the school year during which the nomination is made.

(b) Nominees must have demonstrated outstanding ability as an undergraduate teacher of agricultural economics.

(c) The committee chairman provides a standard nominating form to department heads and chairmen specifying nomination procedures, number of copies of documentation evidence, etc.

(d) Supporting evidence plus letters of reference from peers and students are limited to three pages for each category of evaluation.

Distinguished Extension Programs

The distinguished extension program awards recognize achievement of excellence in extension economics teaching programs. Two awards are offered. One of the awards is given to an individual who has been in extension education for less than 10 years. One award is given to an extension teacher with 10 or more years of experience.

Nominations may be made by any member(s) of the AAEA and selection is made from among those nominated. The nominee must have been active in extension teaching within one year of the nomination and the content of teaching efforts must be principally in the field of agricultural economics, Renominations are invited if supporting materials are brought up to date and resubmitted. Each nomination must be made by separate letter accompanied by eight copies of documentary evidence indicating:

(a) Nominee's name and extension title,
(b) Extension program area in which teaching is conducted,
(c) Identification of the clientele served,
(d) Objectives of the educational program,
(e) Teaching techniques, educational methods, and materials utilized and
(f) Effectiveness of the extension teaching effort in terms of clientele response and/or establishment of the utility of the extension teaching program..

1945

Awards for papers on "A Price Policy for Agriculture", contest sponsored by AFEA from a private grant of funds (papers appeared in November 1945 issue of the Journal):

First Paper ($5,000 award)	William H. Nichols
Second Paper ($2,500 award)	D. Gale Johnson
Third Paper ($1,250 award)	Frederick V. Waugh

Others receiving awards of $250 each:

George W. Barr	Carl C. Farrington
Merrill K. Bennett	Rudolph K. Froker
Gordon P. Boals	Charles D. Hyson
Karl Brandt	Adlowe L. Larson
Willard W. Cochrane	James G. Maddox
Robert J. Eggert	Rainer Schickele
Paul A. Eke	Geoffrey Shepherd
Lawrence H. Simerl	

1946

Best journal article: Brewster, John M., "Farm Technological Advance and Total Population Growth", August 1945 issue of the Journal.

1947

Best journal article: Hardin, Charles M., "The Bureau of Agricultural Economics Under Fire: A Study in Valuation Conflicts", August 1946 issue of the Journal.

1948

Best journal article: Cochrane, Willard W., "Farm Price Gyrations-An Aggregative Hypothesis", May 1947 issue of the Journal.

1949

Best journal article: Heady, Earl O., "Elementary Models in Farm Production Economics Research", May 1948 issue of the Journal.

1950

A. Best journal article: Halcrow, Harold G., "Acturial Structures for Crop Insurance", August 1949 issue of the Journal.

B. Outstanding PhD theses:

1. First prize: Foytik, Jerry, "The California Plum Industry-An Economic Study".

2. Second prize:
   a. Sayre, Charles R., "The Economics of Mechanization in Cotton Production".
   b. Engleman, Gerald, "Some Economic and Physical Problems in the Marketing of Slaughter Hogs on the Basis of Carcass Weights and Grades in the United States ".

C. Outstanding published research reports:

1. Salter, Leonard, "A Critical Review of Research in Land Economics".
2. Johnson, D. Gale, "Forward Prices for Agriculture".
3. Christensen, Raymond P., "Efficient Use of Food Resources in the United States.

1951

A. Best Journal article: Brewster, John M., "The Machine Process in Agriculture and Industry", February 1950 issue of the Journal.

B. Outstanding PhD Theses:

1. Clodius, Robert L., "An Analysis of Statutory Marketing Control Programs in the California-Arizona Orange Industry".
2. Myers, Max, "Farm Tenure Processes in South Dakota".
3. Williams, Donald B., "The Application of Economic Theory to the Field of Farm Mgmt Research With Particular Reference to Recent Advances in Dynamic Economics".

C. Outstanding published research reports:

1. Johnson, D. Gale, "Trade and Agriculture".
2. Luke, H. Alan, "Utilization and Pricing of Milk Under NY Marketing Orders".
3. Bachman, Kenneth L. & Jones, Ronald W., "Sizes of Farms in the United States".

1952

A. Best Journal article: Waugh, Frederick V., "The Minimum-Cost Dairy Feed", August 1951 issue of the Journal.

B. Outstanding PhD Theses:

1. Thompson, Proctor, "Prod of the Human Agent in Agr: An Intl Comparison".
2. El-Shafie, Mohond A., "Population Pressure on Land and the Problem of Capital Accumulation in Egypt".
3. West, Quentin M., "Some Alternative Sampling Techniques in the Measurement of Farm Business Characteristics".

C. Outstanding published research papers:

1. Fox, Karl A., "Factors Affecting Farm Income, Farm Prices & Food Consumption".
2. Scoville, Orlin J., "Relationship Between Size of Farm and Utilization of Machinery, Equipment and Labor on Nebraska Corn-Livestock Farms".
3. Burk, Marguerite C., "Changes in the Demand for Food from 1941 to 1950".

1953

A. Best Journal article: Working, Elmer J., "Appraising the Demand for American Agricultural Output During Rearmanent", May 1952 issue of the Journal.

B. Outstanding PhD Theses:

1. Fox, Karl A., "An Appraisal of the Applicability of Single Equation Methods to Statistical Demand Analysis for Agricultural Commodities".
2. Gray, Roger W., "An Econ Anal of the Impact of the Price Support Program Upon the Devl of the Potato Ind in the United States".
3. Thompson, William Neil, "Systems of Farming Adapted to Highly Productive Level Land in Illinois".

C. Outstanding published reports:

1. Bredo, William & Rojko, Anthony S., "Prices & Milksheds of Northeastern Markets".
2. Heady, Earl O., "Economics of Agricultural Production and Resource Use".
3. Johnson, Glenn L., "Burley Tobacco Control Programs-Their Over-all Effect on Production and Prices, 1933-50".

1954

A. Best Journal article: Hathaway, Dale E., "Agricultural Policy and Farmers' Freedom: A Suggested Framework", November 1953 issue of the Journal.

B. Outstanding PhD Theses:

1. Babbar, Madam M., "Statistical Approach in Planning Production Programs for Independent Activities".
2. French, Benjamin C., "Economic Efficiency in California Pear Packing Plants".
3. Sorenson, Vernon L., "A Study of the Nature and Cost of Government Programs Affecting Potatoes and Their Impact on Inter-Market Relationships".

C. Outstanding published research reports:

1. Fox, Karl A., "A Spatial Equilibrium Model of the Livestock-Feed Economy in the United States".
2. Johnson, D. Gale, "Comparability of Labor Capacities of Farm and Non-Farm Labor".
3. Meinken, Kenneth W., "The Demand and Price Situation for Oats, Barley and Sorghum Grains".

1955

A. Best journal article: Breimyer, Harold F., "Sources of our Increasing Food Supply", May 1954 issue of the journal.

B. Outstanding PhD Theses:

1. Woodworth, Roger Charles, "Economic Analysis of Protein-Grain Substitution Relationships in Pork Production".
2. Zellner, Norman, "An Economic Analysis of the California Prune Industry".
3. Goreux, Louis M., "Agricultural Productivity and Economic Development in France (1852-1950)".

C. Outstanding published research reports:

1. Daly, Rex F., "Some Considerations in Appraising the Long-Run Prospects for Agriculture", published in "Long-Range Economic Projection", National Bureau of Economic Research. Submitted in the field of Theory and Methodology.
2. Judge, George C., "Econometric Analysis of the Demand and Supply Relationships for "Eggs", Conn. Bull. 307. Submitted in the field of Agricultural Prices.
3. Swerling, Boris C., "California Agriculture and International Commodity Developments", published in a supplement to Monthly Review, Federal Reserve Board of San Francisco. Submitted in the field of Agricultural Policy.

1956

A. Best journal article: Brandow, George E., "A Modified Compensatory Price Program for Agriculture", November 1955 issue of the journal.

B. Outstanding PhD Theses:

1. Rhodes, V. James, "A Theoretical and Empirical Investigation of Consumer Preferences for Beef by Grades in Metropolitan St. Louis, 1954".
2. Tang, Anthony M., "An Analysis of Southern Economic Development With Particular Reference to Agriculture: Upper Southern Piedmont, 1900".
3. Tolley, George S., "Earnings of Labor and Capital in the Food Processing Industries".

C. Outstanding published research reports:

1. Hathaway, Dale E., "The Effects of the Price Support Program on the Dry Bean Industry in Michigan", Michigan Tech. Bull. 250.
2. Meinken, Kenneth W., "The Demand and Price Structure for Wheat", USDA Tech. Bull. 1136.
3. Ruttan, Vernon W., "The Impact of Urban-Industrial Development on Agriculture in the Tennessee Valley and the Southeast", publishedin the February 1955 issue of the journal.

D. Graduate Students' contributed papers (published in December 1956 issue of the journal):

1. Goodwin, Dorothy C., "Fiscal Needs and Capacity of Connecticut Towns".
2. Learn, Elmer W., "Estimating Demand for Livestock Products at the Farm Level".
3. Mundlak, Yair, "Economic Considerations in the Design and Evaluation of Production Forecasts".
4. Snodgrass, Milton M., "Linear Programming-A New Approach to Interregional Competition in Dairying".

1957

A. Best journal article:

1. Nerlove, Marc, "Estimates of the Elasticities of Supply of Selected Agricultural Commodities", May 1956 issue of the journal.
2. Waugh, Frederick V., "A Partial Indifference Surface for Beef and Pork", February 1956 issue of the journal.
3. Schultz, Theodore W., "Reflections on Agricultural Production, Output and Supply", August 1956 issue of the journal.

B. Outstanding PhD Theses:

1. Nerlove, Marc, "Estimates of the Elasticities of Supply of Corn, Cotton and Wheat".
2. Evans, Homer C., "The Nature of Competition Among Apple Processors in the Appalachian Area".
3. Bonnen, James Thomas, "United States Agricultural Capacity: A General Equilibrium Model for 1965".

Honorable Mention:

1. Schnittker, John Alvin, "Application of Input-Output Analysis to a Regional Model Stressing Agriculture".
2. Mundlak, Yair, "Analysis of Agricultural Production Forecasts in the Statistical Decision Theory Framework".
3. Halter, Albert Nelson, "Measuring Utility of Wealth Among Farm Managers".

C. Outstanding published research reports:

1. Clarke, D.A. Jr., "Milk Delivery Costs and Volume Pricing Procedures in California". California Agricultural Experiment Station Bull. No. 757, December 1956. Submitted in the field of Agricultural Marketing.
2. Fox, Karl A., "The Contribution of Farm Price Support Programs to General Economic Stability", published in "Policies to Combat Depression", a report of the National Bureau of Economic Research, Princeton 1956. Submitted in the field of Agricultural Policy.
3. French, B. C., "The Long-Term Price and Production Outlook for Apples in the United States and Michigan", Michigan State University, Agricultural Experiment Station Tech. Bull. 255, April 1956. Submitted in the field of Agricultural Prices.

Honorable Mention:

1. Ruttan, Vernon W., "The Contribution of Technological Progress to Farm Output: 1950-75", published in "The Review of Economics and Statistics" Volume 38 (February 1956). Submitted in the field of General Agricultural Economics.

D. Graduate students' contributed papers:

1. Bird, Alan R., "The Effect of Agricultural Price Supports on the Balance of Payments in the United Kingdom".
2. Candler, Wilfred, "An Aggregate Supply Function for New Zealand Wheat".
3. Mendelshon, Chaim, "Approaches to International Trade under Non-Pure Competition".

1958

A. Best journal article: Breimyer, Harold F., "On Price Determination and Aggregate Price Theory", August 1957 issue of the journal.

B. Outstanding PhD Theses:

1. Candler, Wilfred V., "Linear Programming With Stochastic Yields".
2. Cromarty, William A., "Economic Structure of American Agriculture".
3. Nelson, Michael, "Economics of Increased Hay Production by Use of Nitrogen Fertilizer on Mountain Meadows in the Harney Basin, Oregon".

C. Outstanding published research reports:

1. Griliches, Zvi, "Hybrid Corn: An Exploration in the Economics of Technical Change", Volume 25 of "Econometrica". Submitted in the field of Theory and Methodology.
2. Hathaway, Dale E., "Agriculture and the Business Cycle", published in "Policy for Commercial Agriculture", Joint Committee Print (85th Cong., 1st Session, November 22, 1957). Submitted in the field of General Agricultural Economics.
3. Swerling, Boris C., "The World's Sugar: Progress and Policy", published Stanford University Press 1957. Submitted in the field of Agricultural Economics.

Honorable Mention:

1. Babb, E.M. and Butz, W.T., "Improving Fluid Milk Distribution Practices Through Economic-Engineering Techniques", Pennsylvania Agricultural Experiment Station, Bull. 622, June 1957. Submitted in the field of Agricultural Marketing.
2. Henry, William R. and Bishop, Charles E., "North Carolina Broilers in Interregional Competition". A.E. Information Series No. 56, Department of Agricultural Economics, North Carolina State College, February 1957. Submitted in the field of Farm Management and Production Economics.

D. Graduate students' contributed papers:

1. Dillon, John L., "Theoretical and Empirical Approaches to Program Selection Within the Feeder Cattle Enterprise".
2. Ram, Peretz, "An Input-Output Analysis of a Small Homogeneous Agricultural Area".
3. Uchida, Akira, "Technology Redefined-An Example of Quantitative Measurement in the Broiler Industry.

1959

A. Best journal article: Buse, Rueben C., Total Elasticities-A Predictive Device", November 1958 issue of the journal.

Honorable Mention:

1. Dean, Gerald W., and Heady, Earl O., "Changes in Supply Response and Elasticity for Hogs", November 1958 issue of the journal.

B. Outstanding PhD Theses:

1. Egbert, Alvin Charles, "Programming Regional Adjustments in Resource Use for Grain Production".
2. Gustafson, Robert L., "Carryover Levels for Grains".
3. Sammet, Loy L., "Economic and Engineering Factors in Agricultural Processing Plant Design".

Honorable Mention:

1. Edwards, Clark, "Resource Fixity, Credit Availability and Agricultural Organization".

C. Outstanding published research reports:

1. Johnson, Glenn Leroy, "Supply Function-Some Facts and Notions", published in "Agricultural Adjustment Problems in a Growing Economy", Iowa State College Press. Submitted in the field of Farm Management and Production Economics.
2. Nerlove, Marc, "Distributed Lags and Demand Analysis for Agricultural and Other Commodities", Agricultural Handbook No. 141, USDA. Submitted in the field of Theory and Methodology.
3. Renshaw, Edward Franklin, "Toward Responsible Government: An Economic Appraisal of Federal Investment in Water Resources Programs", Chicago: Idyia Press. Submitted in the field of Land and Water Economics and Conservation.

Honorable Mention:

1. Gaffney, M. Mason, "Urban Expansion-Will It Ever Stop?", Published in "Land" in 1958 Yearbook of Agriculture, USDA. Submitted in the field of Land and Water Economics and Conservation.
2. Griliches Zvi, "The Demand for Fertilizer: An Economic Interpretation of a Technical Change", August 1958 issue of the journal. Submitted in the field of Theory and Methodology.
3. Aplin, Richard D., "Country Reload Plants for Bulk Milk-Specifications and Costs", Cornell University Agricultural Experiment Station, AE-Res. 1. Submitted in the field of Marketing.

1960

A. Best journal article: Brewster, John M., "The Impact of Technical Advance and Migration on Agricultural Society and Policy", December 1959 issue of the journal.

B. Outstanding published research reports:

1. Andrews, Richard A., "A Study of the Sweet Corn Industry in the Midwest Farm Economy", published by the University of Minnesota Agricultural Experiment Station, St Paul MN. Submitted in the General Agricultural Economics classification.
2. Hudson, James F., "Pricing Cotton Seed for Crushing", published by the Louisiana State University Agricultural Experiment Station, Baton Rouge, Louisiana. Submitted in the Agricultural Prices classification.
3. Miller, Walter G., "Comparative Efficiency of Farm Tenure Classes in the Combination of Resources", published by the USDA-ARS, Farm Economics Research Division. Submitted in the field of Land and Water Economics and Conservation.

C. Outstanding PhD Theses:

1. Dennis, Carelton C., "Interregional Competition in the Frozen Strawberry Industry".
2. Dillon, John L., "An Empirical Comparison of Theoretical and Actual Decision Making Under Uncertainty".
3. Moore, John R., "Market Structure and Competitive Behavior in the Dairy Industry".

Honorable Mention:

1. Johnson, Paul R., "Land Substitutes and Changes in Corn Yields".
2. Schoneman, J.A., "Effect of Variety and Harvest Date Systems on Economic Returns for Potato Farms in Central Wisconsin".

D. Outstanding MS Theses:

1. Covey, C.D., "Some Considerations Affecting Producer Equity in the Florida Flue-Cured Tobacco Program".
2. Ehrich, R.R., "An Economic Analysis of Cash-Future Price Relationships of Hard Red Spring Wheat".

3. Lerner, E.B., "An Econometric Analysis of the Demand for Pecans With Special Reference to the Demand Inter-Relationships Among Domestic Tree Nuts".

Honorable Mention:

1. Nordhauser, Fred, "A Statistical Estimate of the Short-Run Price Elasticity of Demand for Fryers".

1961

A. Best journal article: Henry, William R. and Seagraves, James A., "Economic Aspects of Broiler Production Density", February 1960 issue of the journal.

B. Outstanding published research reports:

1. Griliches, Zvi, "Measuring Inputs in Agriculture: A Critical Survey:, published in the December 1960 issue of the journal.
2. Lindsey, Quentin W., "Financing the Development of Commercial Farms", A.E. Information Series 77, June 1960; and "Transforming Low Income Farms Into Profitable Commercial Farms", A.E. Information Series 76, May 1960, Department of Agricultural Economics, North Carolina State College.
3. Swerling, Boris D., "Toward Positive Policies for American Agriculture", published in "Food Research Institute Studies" Volume 1, No. 3, Stanford University.

Honorable Mention:

1. Barker, Randolph and Heady, Earl O., "Economy of Innovations in Dairy Farming and Adjustments to Increase Resource Returns", Research Bull. 478, Iowa State University, Ames, Iowa 1960.
2. Tolley, G. S. and Hartman, L. M., "Inter-Area Relations in Agricultural Supply", published in May 1960 issue of the journal.

C. Outstanding PhD Theses:

1. Day, R., "Recursive Programming and Production Response".
2. Drew, W. H., "Demand and Spatial Equilibrium Models for Fresh Apples in the United States".
3. Zusman, P., "Econometric Analysis of the Market for California Early Market Potatoes".

D. Outstanding MS Theses:

1. Bryant, Wilfred Keith, "An Analysis of the Origins and Impacts of Inflation on Farm Input Expenditures, 1910-1958".
2. Countenay, Henry V., "An Analysis of Response Variation Encountered With Selected Interviewing Techniques in Consumer Marketing Research".
3. Tinley, William Allan, "Farm Inventory Valuation and Estimates of Aggregate Farm Income".

1962

A. Best journal article: Nerlove, Marc and Waugh, Frederick V., "Advertising Without Supply Control: Some Implications of a Study of the Advertising of Oranges, November 1961 issue of the journal.

B. Outstanding published research reports:

1. Bishop, Charles E., "Economic Aspects of Changes in Farm Labor Force", Chapter 4 of Labor Mobility and Population in Agriculture, Iowa State University Press, Ames, Iowa 1961.
2. Gray, Roger W., "The Search for a Risk Premium", Journal of Political Economy, Vol. LXIX, No. 3, June 1961.
3. Ruttan, Vernon W., "The Impact of Irrigation of Farm Output in California", Vol. XXXI, No. 4, Hilgardia, California Agricultural Experiment Station, University of California, Berkeley, California, July 1961.

Honorable Mention:

1. Hartman, L.M. and Tolley, G.S., "Effects of Federal Acreage Controls on Costs and Techniques of Producing Flue-Cured Tobacco", Technical Bull. No. 146, North Carolina Agricultural Experiment Station, Raleigh, North Carolina June 1961
2. Loomis, Ralph A. and Barton, Glen T., "Productivity of Agriculture, United States, 1870-1958", Technical Bull. 1238, Agricultural Research Service, USDA, April 1961.
3. Stanton, Bernard F., "Seasonal Demand for Beef, Pork and Broilers", AMS-431, February 1961, printed by the Agricultural Marketing Service from Agricultural Economics Research, Vol. XIII, No. 1, January 1961.

C. Outstanding PhD Theses:

1. Schuh, George Edward, "An Econometric Investigation of the Market for Hired Labor in Agriculture".
2. Sparks, Willard R., "Estimates of the Demand for Food from Consumer Panel Data
3. The Third Award is to be Divided Between:
   Snyder, James Clare, "Management Models of Mathematical Programming".
   Stollsteimer, John Fred, "Effect of Technical Change and Output Expansion on the Optimum Number, Size and Location of Pear Marketing Facilities in a California Pear Producing Region".

D. Outstanding MS Theses:

1. Fletcher, Ronald G., "Time Series Analysis of Demand for Food".
2. Hermann, Robert O., "An Investigation of Differences in Income Elasticities of Demand for Food in Households of Differing Size and Composition".
3. Miller, Thomas A., "An Economic Analysis of Adjustment Opportunities on Dry Land Wheat Farms in Southeastern Wyoming".

1963

A. Best journal article: Breimyer, Harold F., "The Three Economies of Agriculture", August 1962 issue of the journal.

B. Outstanding published research reports:

1. Dean, Gerald W. and Carter, Harold O., "Some Effects of Income Taxes on Large Scale Agriculture", Journal of Farm Economics, Vol. 44, August 1962.
2. Harlow, A. Arthur, Factors Affecting the Price and Supply of Hogs, USDA Tech. Bull. 1274, December 1962.
3. Sosnick, Stephen, "Orderly Marketing of California Avocados", Hilgardia, Vol. 33, December 1962.

C. Outstanding PhD Theses:

1. Boyne, David Herman, "Changes in the Real Wealth, Position of Owners of Agricultural Assets".
2. Burt, Oscar Raymond, "The Economics of Conjunctive Use of Ground and Surface Water".
3. Sisler, Daniel Gene, "Direct Production Payments in the Feed-Grain Livestock Sector of American Agriculture.

D. Outstanding MS Theses:

1. Diehl, William David, "Analysis of Derived Demand for Hogs".
2. Hunt, James Baxter Jr., "An Economic Analysis of Optimum Flue Cured Tobacco Production Practices Under Acreage Control and Poundage Control".
3. Lu, Yao-Chi, "Effect of Diversification on Price and Income Stability in Livestock Production".

1964

A. Best journal article: Talbot, Ross B., "The USDA Embarks on Its Second Century of Service", August 1963 issue of the journal.

B. Outstanding published research reports:

1. King, Gordon A. and Schrader, Lee F., "Regional Location of Cattle Feeding-A Spatial Equilibrium Analysis, Hilgardia, Vol. 34, July 1963.
2. Tolley, George S. and Giesman, Raymond W., "Consumer Demand Explained by Measurable Utility Changes", Econometrica, Vol. 31, July 1963.
3. Walsh, Richard G. and Evans, Bert M., "Economics of Change in Market Structure, Conduct and Performance: The Baking Industry 1947-1958". University of Nebraska Studies, New Series No. 28, December 1963.

C. Outstanding PhD Theses:

1. Auer, Ludwig, "Impact of Crop-Yield Technology on United States Crop Production".
2. Chapman, William Fred Jr., "Demand and Substitution Relationships for Florida and California Valencia Oranges Produced for Fresh Market".
3. Oury, Bernard Roger Pierre, "A Tentative Production Model for Wheat and Feed Grains in France (1946-1961).

D. Outstanding MS Theses:

1. Johnston, Warren E., "Regional Land Resources Required for Agricultural Supply-Demand Balance: A Study of Projection Sensitivity".
2. Schreiner, Dean F., "Regional Adjustments in the Meat Industry to Changing Technology and Consumer Demand.
3. Tyrchniewicz, Edward W., "An Econometric Study of the Regional Supply of Hired Labor to Agriculture".

1965

A. Best journal article: Waugh, Frederick V., "Cobweb Models", November 1964 issue of the journal.

B. Outstanding published research reports:

1. Griliches, Zvi, "Research Expenditures, Education and the Aggregate Agricultural Production Function", Am Econ Rev 54:961-974, December.
2. Mundlak, Yair, "Long-Term Prods of Supply & Demand for Agr Prods in Israel-Gen View & Summary", The Falk Proj for Econ Res in Israel, 224 pp, May 1964.
3. Waldorf, William H., "Demand for Manufactured Foods, Manufacturers' Services and Farm Products in Food Manufacturing-A Statistical Analysis", USDA Tech. Bull. 1317, December 1964.

C. Outstanding PhD Theses:

1. Bell, Duran, Jr., "Models of Commodity Transfer With Special Reference to Lemon Industry".
2. Gossling, William Frank, "A New Economic Model of Structural Change in U.S. Agriculture and Supporting Industries".
3. Wells, Jerome C., "An Appraisal of Agricultural Investments in the 1962-68 Nigerian Development Program".

D. Outstanding MS Theses:

1. Berry, James E., "Conventional and Unconventional Determinants of Market Performance".
2. Lee, Tsoung-Chao, "Alternative Procedures for Estimating Markov Chain Transition Probability Matrix from Aggregative Economic Data".
3. Sharp, Wayne W., "Application of a Dynamic Linear Programming Model for Optimum Use of Range Resources Over Time.

E. Distinguished Undergraduate Teacher:

Hess, Carroll V., University of Minnesota

1966

A. Best journal article: Bonnen, James T., "Present and Prospective Policy Problems of U.S. Agriculture: As Viewed by an Economist", December 1965 issue of the journal.

B. Outstanding published research reports:

1. Helmberger, Peter G. and Hoos, Sidney, "Cooperative Bargaining in Agriculture-Grower-Processor Markets for Fruits and Vegetables", University of California, Division of Agricultural Sciences 1965.
2. Padfield, Harland and Martin, William E., "Farmers, Workers and Machines-Technological and Social Change in Farm Industries of Arizona", published for the Division of Economic and Business Research, College of Business and Public Administration, the University of Arizona. The University of Arizona Press, Tucson 1965.
3. Ruttan, Vernon W., "The Economic Demand for Irrigated Acreage-New Methodology and Some Preliminary Projections, 1954-1980", published for Resources for the Future, Inc. by the Johns Hopkins Press, Baltimore, Maryland 1965.

C. Outstanding PhD Theses:

1. Barnard, Jerald R., "Design and Use of Social Accounting Systems in State Development Planning",
2. Been, Richard O., "A Reconstruction of the Classical Theory of Location".
3. Boutwell, Wallace K., "Estimation of Consumer Demand Equations from Ordinally Separable Utility Functions".

D. Outstanding MS Theses:

1. Bartholomew, Albert W., "An Analysis of the Interrelationships Between the Livestock and Feed Grain Industries: Exemplified by the Swine and Corn Industries".
2. Delvo, Herman W., "An Economic Appraisal of All-Risk Crop Insurance in North Dakota".
3. Prato, Anthony A., "An Econometric Analysis of the Monthly Farm Level Demand for Beef Cattle".

E. Distinguished Undergraduate Teacher:

Kohls, Richard Louis, Purdue University.

F. Distinguished Extension Program:

Ogg, Wallace E.; Thomas, J. Robert; Paulsen, A. Arnold and Donhowe, Charles E., "Financing Iowa's Public Services", Iowa State University.

Honorable Mention:

1. Schermerhorn, R.W., "Management of Agricultural Marketing and Land and Water Based Recreational Firms", University of Maryland.
2. Bottum, J. Carroll, "Community Development in Indiana", Purdue University.

G. Awards for essays on "Effective Competition and Changing Patterns in the Marketing of Agricultural Products":

First Prize: Paul, Allen B., "Pricing Below Cost in the Soybean Processing Industry"
Second Prize: Youde, James G. and Helmberger, Peter G., "Marketing Cooperatives in the U.S.: Membership Policies, Market Power and Antitrust Policy.
Third Prize: Williams, Willard F., "Toward Improved Performance in Agricultural Marketing Research".

First Honorable Mentions:

1. Babb, Emerson M., "Changing Marketing Patterns and Competition for Fluid Milk."
2. Beem, Eugene R. and Oxenfeldt, A.R., "A Diversity Theory for Market Processes in Food Retailing".
3. Brinegar, G.K. and Baker, C.B., "Welfare Gains and Changes in Food Procurement".
4. Knutson, Ronald D., "Cooperatives and the Competitive Ideal".
5. Morgan, Howard E., "Concentration in Food Retailing: Criteria and Causes".

Second Honorable Mentions:

1. Hiemstra, Stephen J., "Concentration and Competition in the Food Industries".
2. Moore, John R., "The Causes and Consequences of Major Changes in the Organization of Agricultural Marketing Activities".
3. Mori, Horoshi and Gorman, Wm. D., "An Emp Investigation Into the Relationship Between Market Structure and Performance as Measured by Prices".
4. Nelson, Paul E. Jr., "Price Competition Among Retail Food Stores-Theory, Practice and Policy Cues".
5. Roy, EwellPaul, "Effective Competition and Changing Patterns in Marketing Broiler Chickens".

1967

A. Best journal article: Ruttan, Vernon W., "Agricultural Policy in an Affluent Society", J. Farm Econ. 48:1100-20, December 1966.

B. Outstanding published research reports:

1. Bawden, D. Lee; Carter, Harold O.; and Dean, Gerald W., "Interregional Competition in the United States Turkey Industry", Hilgardia 37:13, June 1966.
2. Burt, Oscar R., "Economic Control of Groundwater Reserves", J. Farm Econ. 48:632-647, August 1966 Part 1.
3. Perkins, Brian B. and Hathaway, Dale E., "Movement of Labor Between Farm and Nonfarm Jobs", Michigan Agr Exp Station, Res Bull. 13, 1966.

C. Outstanding PhD Theses:

1. Behrman, Jere Richard, "Supply Response in Underdeveloped Agriculture: A Case Study of Four Major Annual Crops in Thailand, 1937-1963", Massachusetts Institute of Technology, under the direction of Professor Franklin M. Fisher.
2. DeJanvry, Alain Choppin, "Measurement of Demand Parameters Under Separability", University of California at Berkeley, under the direction of Professor George M. Kuznets.
3. Tyrchniewicz, Edward W., "An Econometric Study of the Agricultural Labor Market", Purdue University under the direction of Professor G. Edward Schuh.

D. Outstanding MS Theses:

1. Andorn, Reuven, "The Irreversible Demand Function for Beef", Oklahoma State University, under the direction of Professor J.W. Goodwin.
2. DeHaven, Ralph Kenneth, "Economic Evaluation of Alternative Milk Pricing Plans", University of Missouri, under the direction of Professor Stephen F. Whitted.
3. Patrick, George F., "The Impact of Managerial Ability and Capital Structure on Farm Firm Growth", Purdue University, under the direction of Professor Ludwig M. Eisgruber.

E. Distinguished Undergraduate Teacher:

Warren, Stanley W., Cornell University.

F. Distinguished Extension Program:

Oesterle, Eric, Purdue University.

1968

A. Best journal article: Eidman, Vernon R.; Dean, Gerald W.; and Carter, Harold O., "An Application of Statistical Decision Theory to Commercial Turkey Production", Jour Farm Econ, 49:852-868, Nov 1967.

B. Outstanding published research reports:

1. Dean, Gerald W. and Collins, Norman R., "World Trade in Fresh Oranges: An Analysis of the Effect of European Economic Community Tariff Policies, California Agr Exp Station, University of California, Davis, Giannini Foundation Monograph 18, Janaury 1967.
2. Colyer, Dale and Irwin, George, "Beef, Pork and Feed Grains in the Cornbelt: Supply Response and Resource Adjustments", Missouri Agr Exp Sta Res Bull. 921 (North Central Regional Research Publication No. 178), August 1967.
3. Mellor, John W., "Toward a Theory of Agricultural Development", in Agri cultural Development and Economic Growth, ed. Southworth and Johnston, Cornell University Press, 1967, Chapter 2.

C. Outstanding PhD Theses:

1. Josling, Timothy E., "The United Kingdom Grains Agreement (1964): An Economic Analysis", Michigan State University, under the direction of Dale E. Hathaway.
2. Lu, Yao-Chi, "Variable Elasticity of Substitution Production Functions, Technical Change and Factor Shares", Iowa State University, under the direction of Lehman B. Fletcher.
3. Subotnik, Abraham, "The Development of an Econometric Model for Policy Decisio Making in Israel", Cornell University, under the direction of Daniel G. Sisler

D. Outstanding MS Theses:

1. Raluerson, Richard C., "A Study of Supply-oriented Marketing Policies for Frozen Concentrated Orange Juice: An Application of Dynamo Simulation", University of Florida, under the direction of Dr. Max R. Langham.
2. Doeksen, Gerald, "An Input-Output Analysis of the Structure of the Economy of Oklahoma State University, under the direction of Dr. Charles H. Little.
3. Anderson, Marvin S., "An Econometric Investigation of the Demand Relationships for Soybean Oil in the Production of Margarine and Shortening", Purdue University, under the direction of Dr. Richard C. Haidacher.

E. Distinguished Undergraduate Teacher:

Beneke, Raymond R., Iowa State University

F. Distinguished Extension Program:

1. Kohlmeyer, J.B., Purdue University
2. Smith, Francis J., University of Minnesota

1969

A. Outstanding article in the journal: Schultz, T.W., "Institutions and the Rising Economic Value of Man", Am Jour Agr Econ, 50:1113-1122, December 1968.

B. Outstanding published research reports:

1. Weyman, F. Helmut, "Dynamics of the World Cocoa Market, The MIT Press, 1968.
2. Houck, James P. and J. S. Mann, "An Analysis of Domestic and Foreign Demand for U.S. Soybeans and Soybean Products", Agricultural Experiment Station Tech Bull. 256, University of Minnesota 1968.
3. Yotopoulos, Pan A., "Allocative Efficiency in Economic Development: A Cross-Section Analysis of Epirus Farming", Athens 1968; Center of Planning and Economic Research; International Publications Service, New York.

C. Outstanding PhD Theses:

1. Lee, Teng-Hui, "Intersectoral Capital Flows in the Economic Development of Taiwan, 1895-1960", Cornell University, under the direction of John Mellor.
2. Leunis, Joseph, "A Spatial Analysis of the United States Soybean Industry", University of Illinois, under the direction of George Judge.
3. Pineiro, Martin, "The Argentine Agriculture: Past and Potential Contribution to Country-Wide Economic Growth", University of California, Davis, under the direction of Chester McCorkle.

D. Outstanding MS Theses:

1. Gunn, T.C., "Econometric Analysis of Post-War Demand for Farm Labor in the Northeastern United States", University of Connecticut 1968.
2. Halvorson, M.P., "The Optimum Number, Size and Location of Turkey Processing Plants in a Three-State Area", Iowa State University 1968.
3. Simmons, E.B., "The Food Balance Sheet as a Parameter of Tropical Food Economies: The case of Mauritius", Cornell University 1968.

E. Distinguished Undergraduate Teacher:

Harrington, Albert H., Washington State University.

F. Distinguished Extension Program:

1. McMurty, Gene, Virginia Polytechnic Institute
2. Hadley, Noah, Purdue University

1970

A. Outstanding article in the journal: Thiesenhusen, William C., "Population Growth and Agricultural Employment in Latin America, With Some U.S. Comparisons", Am Jour Agr Econ. 51:735-752, November 1969.

B. Outstanding published research reports:

1. Thorbecke, Erik and Field, Alfred J., "Relationships Between Agriculture, Nonagriculture and Foreign Trade in the Development of Argentina and Peru", chapter in the Role of Agriculture in Economic Development, Columbia University Press 1969.
2. Zusman, Pinhas, Melamed and Katzir, Itzhak, "Possible Trade and Welfare Effects of EEC Tariff and "Reference Price" Policy on the European-Mediterranean Market for Winter Oranges", Giannini Foundation Monograph No. 24, University of California 1969.

C. Outstanding PhD Theses:

1. Carlson, Gerald A., "A Decision Theoretic Approach to Crop Disease Prediction and Control", University of California, Davis.
2. Pinstrup-Andersen, Per, "The Role of Food, Feed and Fiber in Foregin Economic Assistance: Value, Cost and Efficiency", Oklahoma State University.
3. Behr, Michael Ross, "Technical Progressiveness in the Agricultural Processing Sector: A Structural Analysis", University of Wisconsin.
4. Gray, Sanford Lee, "Economic Effects of Diversion of the Columbia River", Washington State University.

D. Outstanding MS Theses:

1. Nores, Gustavo A., "An Econometric Model of the Argentine Beef-Cattle Economy", Purdue University.
2. Wood, William Robert, "A Demand Analysis of Processed Salmon from the West Coast", Oregon State University.
3. Lynne, Gary Dean, "A Determination of Water Value Estimates for Bromegrass and Corn Silage Production in North Dakota", North Dakota State University.

E. Distinguished Undergraduate Teacher:

Taylor, Robert W., Purdue University

F. Distinguished Extension Program:

1. Harl, Neil E., Iowa State University
2. Duft, Kenneth D., Washington State University

1971

A. Outstanding article in the journal: Schmitz, Andrew and Seckler, Davis, "Mechanized Agriculture and Social Welfare: The Tomato Harvester", American Journal of Agricultural Economics, 52:569-577, November 1970.

B. Outstanding published research reports:

1. Hayami, Yujiro and Ruttan, V.W., "Factor Prices and Technical Change in Agricultural Development. The United States and Japan, 1880-1960", The Journal of Political Economy, 78:1115-1141, September/October 1970.
2. Shumway, Richard; King, Gordon A.; Carter, Harold O; and Dean, Gerald W., "Regional Resource Use for Agricultural Production in California, 1961-65 and 1980, Giannini Foundation Monograph 25, University of California, September 1970.
3. Schuh, G. Edward, "The Agricultural Development of Brazil", New York, Praeger Publishers 1970.

C. Outstanding PhD Theses:

1. Boehlje, Michael Dean, "Strategies for the Creation and Transfer of the Farm Firm Estate", Purdue University.
2. Prochaska, Frederick James, "Opportunity Cost of Time and Other Socio-Economic Effects on Away-From-Home Food Consumption", North Carolina State University.
3. Bekure, Solomon, "An Economic Analysis of the Intertemporal Allocation of Ground Water in theCentral Ogallala Formation", Oklahoma State University.

D. Outstanding MS Theses:

1. Lewis, Robert Clark, "The Marginal Cost of Alternative Levels of Water Quality in the Upper Mississippi River", University of Minnesota.
2. Liefer, James Arnold, "Attitude Toward Land Ownership and Usage in North Central New Mexico, New Mexico University.
3. Simunek, Richard Wayne, "An Evaluation of Age, Liquidity and Strategy on Intergeneration Farm Transfer Cost", Washington State University.

E. Distinguished Undergraduate Teachers:

1. Goodwin, John W., Oklahoma State University (less than 10 years of teaching)
2. Darrah, Lawrence B., Cornell University (10 years or more of teaching)

F. Distinguished Extension Program:

Armstrong, J. H. and Courtenay, H.V., Purdue University.

G. Distinguished Extension Publication Award:

Carroll, William M., Pennsylvania State University.

1972

A. Outstanding article in the journal:

1. Boussard, Jean-Marc, "Time Horizon, Objective Function and Uncertainty in a Multi-period Model of Firm Growth", Am Jour Agr Econ 53:467-477, August 1971. Currently, Charge, Institut National de La Recherche, Agronomique Economie et Sociologie Rurales, Paris.

B. Outstanding published research reports:

1. George, P.S. and King, G.A., "Consumer Demand for Food Commodities in the United States With Projections for 1980", Giannini Foundation Monograph 26, March 1971.
2. Beattie, Bruce B., Castle, Emery N., Brown, William G., and Griffin Wade, "Economic Consequences of Interbasin Water Transfer", Technical Bull. 116, Oregon State University, June 1971.
3. Dobson, W.B. and Babb, E. M., "An Analysis of Alternative Price Structures and Intermarket Competition in Federal Order Milk Markets", Research Bull. 870, Purdue University, December 1970 (received from printer March 31, 1971).

C. Outstanding PhD Theses:

1. Yver, Raul E., "The Investment Behavior and Supply Response of the Cattle Industry in Argentina", University of Chicago.
2. Mann, Charles K., "Taste, Technology and the Government: The Case of Tobacco", Harvard University.
3. Bell, David M., "The Impact of Air Pollution Abatement Activities of Coal-Burning Electric Power Generating Plants on the Fertilizer Industry", Michigan State University.

Honorable Mention:

1. Kaminsky, Mario, "The Structure of Production of Multiple-Output Dairy Farms in the "Centro Santafecino" Region of Argentina: A Multivariate Analysis, University of Wisconsin.
2. Doeksen, Gerald Arthur, "A Social Accounting System and Simulation Model Projecting Economic Variables and Analyzing the Structure of the Oklahoma Economy", Oklahoma State University.

D. Outstanding MS Theses:

1. Jackson, Geoffrey,"An Economic Analysis of the Quota on United States Beef Imports", Cornell University.
2. Durant, Frederick J., "Economic Analysis of Financial Growth Strategies for Large Pennsylvania Dairy Farms Under Competitive Labor Conditions", Pennsylvania State University.
3. Ricker, William D. Jr., "An Analytical Approach to the Consolidation of Counties of North and West Florida Based on Educational Efficiency Criteria", University of Florida.

E. Distinguished Undergraduate Teacher:

1. Downey, W. D., Purdue University, (Less than 10 years)
2. Spitze, R.G.F., University of Illinois, (10 years or longer)

F. Distinguished Extension Program:

Lutz, Edward A.,"In-Service Training of County Officers in County Government Coordination and Management, Cornell University.

G. Distinguished Extension Publication:

Breimyer, Harold F., University of Missouri and Wallace Barr, Ohio State University, "Bargaining in Agriculture-Potentials and Pitfalls in Collective Action", North Central Regional Publication 30, University of Missouri Extension Division Circular C911, June 1971.

1973

A. Outstanding article in the journal: Randall, Alan, New Mexico State University, "Market Solutions to Externality Problems: Theory and Practice", Am Jour Agr Econ, 54:175-183, May 1972.

B. Outstanding published research reports:

1. Imel, Blake, Behr, Michael R., and Helmberger, Peter G., "Market Structure and Performance", D.C. Heath and Company, Lexington, Massachusetts 1972.
2. Stoevener, Herbert; Stevens, Joe; Horton, Howard; Sokoloski, Adam; Parrish, Lo and Castle, Emery, "Multi-Disciplinary Study of Water Quality Relationships: A Case of Yaquina Bay, Oregon", Agricultural Experiment Station, Oregon State University, Corvallis, Oregon 1972.

Tied for Third:

3. Madden, J. Patrick and Yoder, Marion D., "Program Evaluation: Food Stamps and Commodity Distribution in Rural Areas of Central Pennsylvania", Department of Agricultural Economics and Rural Sociology, Bull. 780, University Park, Pennsylvania, June 1972.
3. Heady, Earl O.; Madsen, Howard C.; Nicol, Kenneth J.; and Hargrove, Stanley H. "Agricultural and Water Policies and the Environment", Center for Agricultural and Rural Development Report 40T, Iowa State University, Ames, Iowa, June 197

C. Outstanding PhD Theses:

1. Freebairn, John W., "Some Adaptive Control Models for the Analysis of Economic Policy: United States Beef Trade Policy", University of California, Davis.
2. Good, Darrell "Potential Impact of Environmental Pollution Abatement Alternatives on the Michigan Dairy Farming Industry", Michigan State University.

Tied for Third:

3. Beebout, Harold S., "The Production Surface for Academic Achievement: An Economic Study of Malaysian Secondary Schools", University of Wisconsin.
3. Nores, Gustavo A., "Structure of the Argentine Beef Cattle Economy: A Short Run Model, 1960-1970", Purdue University.

D. Outstanding MS Theses:

1. Leonard, Daniel, "Some Economic Aspects of Reclaiming Strip-Mined Land With Digested Sludge", University of Illinois.
2. Martin, Marshall A., "The Income Distribution Impacts of the Adoption of Mechanical Harvesting of Cotton in the United States", Purdue University.
3. Stucker, Thomas A. Jr., "Effects of Payment Limitations Applied to the Feed Grain Programs in the North Central States", Purdue University.

E. Distinguished Undergraduate Teacher:

Purcell, Wayne D., Associate Professor, Oklahoma State University, (Less than 10 years).
Sjo, John B., Professor, Kansas State University, (10 years or longer).

F. Distinguished Extension Program:

Coale, Charles W. Jr., and Long, Don L., "Marine Economics Workshop", Virginia Polytechnic Institute and State University.

G. Distinguished Extension Publication:

Guither, Harold D., University of Illinois, "Who Will Control U.S. Agriculture?", North Central Regional Publication 32, Cooperative Extension Service, College of Agriculture, University of Illinois, Urbana-Champaign, Illinois, August 1972.

1974

A. Outstanding article in the journal: Haveman, Robert H., "Efficiency and Equity in Natural Resource and Environmental Policy", Am Jour Agr Econ, 55:868-878, December 1973.

B. Outstanding published research reports:

1. Quality of Discovery

a. Kelso, Maurice M.; Martin, William E.; and Mack, Lawrence E., "Water Supplies and Economic Growth in an Arid Environment", The University of Arizona Press, Tucson, Arizona 1973.
b. Blakeslee, Leroy; Heady, Earl O.; and Framingham, Charles F., "World Food Production, Demand and Trade", Iowa State University Press, Ames, Iowa 1973.

2. Quality of Communication

a. Mangum, Fred A. Jr., "Environmental Waste: Causes and Solutions", North Carolina State University, Southern Extension Public Affairs Committee Publication 2, 1973.
b. Graf, Truman F., and Jacobson, Robert E., "Resolving Grade B Conversion and Low Class 1 Utilization Pricing and Pooling Problems", College of Agriculture and Life Sciences, University of Wisconsin 1973.

3. Publication of Enduring Quality Award
Waugh, Frederick V., Demand and Price Analysis, USDA Technical Bull. 1316, November 1964.

C. Outstanding PhD Theses:

1. Harman, Wyatte L., "Evaluating the Growth Potential of Irrigated Farms With Diminishing Water Supplies: A Multiple Goals Approach to Decision-Making", Oklahoma State University.
2. Harrington, David H., "Quadratic Input-Output Analysis: Methodology for Empirical General Equilibrium Models", Purdue University.
3. Penson, John B., "An Aggregative Income and Wealth Model for the U.S. Farm Sector: Its Description and Application to Policy Analysis, University of Illinois.

D. Outstanding MS Theses:

1. Casey, James E. Jr., "A General Model for Estimating the Economic and Production Effects of Specified Pesticide Withdrawals: A Cotton Application", Texas A&M University.
2. Spillers, Paul D., "A Simulation Analysis of the Effects of a Product Tax on the Packaging Waste Output of Selected Food Products", Purdue University.
3. Zwart, Anthony C., "A Recursive Spatial Analysis of the North American Pork Sector", Ontario Agricultural College, University of Guelph.

E. Distinguished Undergraduate Teacher:

Himes, Glenn C., Associate Professor, Ohio State University, (Less than 10 years).
Manderscheid, Professor, Michigan State University, (10 years or longer).

F. Distinguished Extension Teaching:

Harsh, Stephen B., Assistant Professor, Michigan State University, "Farm Management and Production Economics", (Less than 10 years).
Babb, Emerson, Professor, Purdue University, "Agricultural Marketing", (10 years or longer).

1975

A. Outstanding article in the journal: Schuh, G. Edward, Purdue University, "The Exchange Rate and U.S. Agriculture", Am Jour Agr Econ, 56 (1974): 1-13.

B. Outstanding published research reports

1. Quality of Research Discovery

a. Chayat, M.; Forker, O.D.; and Padberg, D.I., "An Econometric Determination of the Welfare Impact of Giving Bargaining Power to Farmers: A Case Study of the Egg Industry. Search:Agriculture", Cornell University Agr Exp Sta No. 4 1974.
b. Heady, Earl O., and Sonka, Steven T., "American Farm-Size Structure in Relation to Income and Employment Opportunities of Farms, Rural Communities and Other Sectors", (Card Report 48). Center for Agricultural and Rural Development, Iowa State University, June 1974.

2. Quality of Communication

a. Harl, Neil E., "Where There's a Will, Estate Planning", Cooperative Extensi Service, Iowa State University, June 1973.
b. Carter, Harold O.; Briggs, George M.; Goss, John R.; Peterson, Maurice L.; Robinson, David W.; VanGundy, Seymour D.; Vohra, Pran; and Youde, James G., "A Hungry World: The Challenge To Agriculture", Division of Agricultural Scienc University of California, Davis, July 1974.

3. Publication of Enduring Quality

a. Brandow, George E., "Interrelations Among Demands for Control of Market Supply", Penn Agr Exp Sta Bull. 680, August 1961.

C. Outstanding Doctoral Degree Program:

1. Forster, David Lynn, "The Effects of Selected Water Pollution Control Rules on the Simulated Behavior of Beef Feedlots, 1975-85". Michigan State Universit
2. Miedema, Allen Keith, "Factor Demands and Particulate Emission Control Regulations: The Case of Steam-Electric Power Plants". North Carolina State University.
3. Lifferth, Dennis Ray, "An Economic Analysis of Alternative Rail Based Grain Distribution Systems", Iowa State University.

D. Outstanding MS Program:

1. Everett, Hal William II, "Economics and Environmental Impacts of Forest Resourc Development", Purdue University.
2. Janssen, Larry Leonard, "ComparativeProfit Rates of U.S. Manufacturing Firms by City Size", Oklahoma State University.
3. Schaefer, Henry Hollis, "The Determination of Basis Patterns and the Results of Various Hedging Strategies for Live Cattle and Live Hogs", Iowa State Universit

E. Distinguished Undergraduate Teacher:

Bohl, Lawrence P., Associate Professor, Purdue University, (Less than 10 years).
Boggs, Kenneth B., Professor, University of Missouri (10 years or longer).

F. Distinguished Extension Program:

Smith, Frederick J., Oregon State University, (Less than 10 years).
Ferris, John N., Michigan State University (10 years or longer).

1976

A. Outstanding article in the journal:

Co-Winners

1. Akino, Masakatsu and Hayami, Yujiro, "Efficiency and Equity in Public Research: Rice Breeding in Japan's Economic Development", Vol 57 (Feb 1975); 1-10.

2. Gardner, Bruce L., "The Farm-Retail Price Spread in a Competitive Food Industry", Vol 57 (August 1975); 399-409.

B. Outstanding published research reports:

1. Quality of research discovery

a. Rausser, Gordon C. and Howitt, Richard, "Stochastic Control of Environmental Externalities", Annals of Economics and Social Measurement, April 2, 1975.
b. Kenyon, David E. and Evans, Samuel, "Short-Term Soybean Acreage Projection Model, Including Price and Policy Impacts", Res Div Bull. 106, Virginia Polytechnic Institute and State University, September 1975.

2. Qualify of communication

a. Donald, R. James and Powell, Levi A., "The Food and Fiber System-How it Works", USDA, Economic Research Service. Agr Information Bull 383, March 1975.
b. Boehlje, Michael and Trede, Larry, "Financing the Iowa Livestock Producers". Iowa State University in cooperation with Iowa Development Commission, 1975.

3. Publication of enduring quality

Heady, Earl O., "Economics of Agricultural Production and Resource Use". Englewood Cliffs: Prentice-Hall 1952.

C. Outstanding Doctoral Programs:

1. Robison, Lindon Joel, "Portfolio Adjustments Under Uncertnty: An Application to Agricultural Financing", Texas A&M University.
2. Sexton, Roger N., "Determinants of Multiple Job Holding by Farm Operators", North Carolina State University.
3. Kraft, Daryl Frank, "Economics of Agricultural Adjustments to Water Quality Standards in an Irrigated River Basin", Washington State University.

D. Outstanding MS Program:

1. Hu, Hung Yu, "Analysis of Factors Affecting Supply of Off-Farm Labor Among Taiwanese Farmers", The Ohio State University.
2. Pieri, Renato G., "The North American-Japanese Pork Industries: An Economic Analysis", University of Guelph.
3. Staatz, John M., "The Economic and Nutritional Impact of Changes in Agricultural Production Patterns: The Case of the Philippines", Cornell University.

E. Distinguished Undergraduate Teacher:

Dobson, William D., University of Wisconsin, (Less than 10 years)
Harl, Neil E., Iowa State University (10 years or longer).

F. Distinguished Extension Program

Guither, Harold D., University of Illinois (Less than 10 years)
Uvacek, Edward Jr., Texas A&M University (10 years or longer).

FELLOWS OF
THE AMERICAN AGRICULTURAL ECONOMICS ASSOCIATION

Article IV of the Bylaws set forth the criteria and procedures for selecting those who are to receive the highest honor the AAEA can bestow. After the initial year during which ten (10) were honored, the maximum number can receive the award was three (3). In 1976 this number was increased to four (4).

1957	* John Donald Black
1957	* Thomas Nixon Carver
1957	* Joseph Stancliffe Davis
1957	* Garnet Wolsey Forster
1957	Asher Hobson
1957	* Edwin Griswold Nourse
1957	Theodore W. Schultz
1957	* Henry Charles Taylor
1957	* Frederick V. Waugh
1957	* Milburn Lincoln Wilson
1958	* Mordecai Joseph Brill Ezekiel
1958	Oscar B. Jesness
1958	* William Irving Myers
1959	* Harold Clayton M. Case
1959	* Oscar Clemen Stine
1960	* Leonard Knight Elmhirst
1960	Sherman Ellsworth Johnson
1961	Oris Vernon Wells
1961	* Ernest Charles Young
1962	Murray Reed Benedict
1962	Hugh Bruce Price
1963	* Raymond George Bressler, Jr.
1963	Earl O. Heady
1964	* Joseph Ackerman
1964	* Karl Brandt
1964	* Foster Floyd Elliott
1965	* Bushrod Warren Allin
1965	George Hubert Aull
1965	Willard Wesley Cochrane
1966	J. Carroll Bottum
1966	George E. Brandow
1966	Forest Frank Hill
1967	D. Gale Johnson
1967	William Hord Nicholls
1967	Harry C. Trelogan
1968	John F. Booth
1968	Maurice M. Kelso
1968	* Elmer Joseph Working
1969	Nathan M. Koffsky
1969	* James G. Maddox
1969	Walter W. Wilcox
1970	Charles Edwin Bishop
1970	Marion Clawson
1970	Glenn Leroy Johnson
1971	D. Howard Doane
1971	Don Paarlberg
1971	Rainer Schickele
1972	Karl A. Fox
1973	Harold F. Breimyer
1973	Kenneth H. Parsons
1973	Lauren K. Soth
1974	Dale E. Hathaway
1974	Vernon W. Ruttan
1974	John F. Timmons
1975	S. V. Ciriacy-Wantrup
1975	Geoffrey S. Shepherd
1975	Holbrook Working
1976	Emery N. Castle
1976	Arthur T. Mosher
1976	Willard F. Mueller

* DECEASED

DEPARTMENT HEADS OR CHAIRMEN

Below is listed the department heads or chairmen as the editor had as of October 1, 1976. The names of departments as well as chairmen undergo changes continually. Obviously there is no assurance that this list will be accurate at any particular future date.

J. H. Yeager
Department of Agricultural Economics
Auburn University
Auburn AL 36830

Jimmye S. Hillman
Department of Agricultural Economics
University of Arizona
Tucson AZ 85721

H. J. Meenen
Department of Economics
University of Arkansas
Fayetteville AR 72701

James N. Boles
Department of Agricultural Economics
University of California
Berkeley CA 94720

Ben C. French
Department of Agricultural Economics
University of California
Davis CA 95616

K. C. Nobe
Department of Agricultural Economics
Colorado State University
Fort Collins CO 80521

R.O.P. Farrish
Department of Agricultural Economics
University of Connecticut
Storrs CT 06268

R. C. Smith
Department of Agricultural Economics
University of Delaware
Newark DE 19711

Leo Polopolus
Department of Food & Resource Economics
University of Florida
Gainesville FL 32611

S. J. Brannen
Department of Agricultural Economics
University of Georgia
Athens GA 30601

J. C. Purcell
Department of Agricultural Economics
Georgia Agr Experiment Station
Experiment GA 30212

Frank S. Scott, Jr.
Department of Agricultural & Resource Economics
University of Hawaii
Honolulu HI 96822

R. W. Schermerhorn
Department of Agricultural Economics
University of Idaho
Moscow ID 83843

Daniel Padberg
Department of Agricultural Economics
University of Illinois
Urbana IL 61801

Paul L. Farris
Department of Agricultural Economics
Purdue University
Lafayette IN 47907

R. R. Beneke
Department of Economics
Iowa State University
Ames IA 50010

P. L. Kelley
Department of Agricultural Economics
Kansas State University
Manhattan KS 66502

R. W. Rudd
Department of Agricultural Economics
University of Kentucky
Lexington KY 40506

F. H. Weigmann
Department of Agricultural Economics
Louisiana State University
Baton Rouge LA 70803

Johannes Delphendahl
Department of Agricultural Economics
University of Maine
Orono ME 04473

Billy V. Lessley, Acting Head
Department of Agricultural Economics
University of Maryland
College Park MD 20742

N. E. Engel
Department of Agricultural Economics
University of Massachusetts
Amherst MA 01002

Harold M. Riley
Department of Agricultural Economics
Michigan State University
East Lansing MI 48824

W. B. Sundquist
Department of Agricultural Economics
University of Minnesota
St Paul MN 55101

V. G. Hurt
Department of Agricultural Economics
Mississippi State University
St College MS 39762

C. L. Cramer
Department of Agricultural Economics
University of Missouri
Columbia MO 65201

R. J. McConnen
Department of Agricultural Economics
Montana State University
Bozeman MT 59715

Glen Vollmar
Department of Agricultural Economics
University of Nebraska
Lincoln NE 68503

Chauncey T.K. Ching
Department of Agricultural Economics
University of Nevada
Reno NV 89507

J. R. Bowring
Department of Resource Economics
University of New Hampshire
Durham NH 03824

A. Robert Koch
Department of Agricultural Economics
Rutgers University
New Brunswick NJ 08903

G. R. Dawson
Department of Agricultural Economics
New Mexico State University
Las Cruces NM 88001

Olan D. Forker
Department of Agricultural Economics
Cornell University
Ithaca NY 14853

W. D. Toussaint
Department of Economics
North Carolina State University
Raleigh NC 27607

F. R. Taylor
Department of Agricultural Economics
North Dakota State University
Fargo ND 58102

D. H. Boyne
Department of Agricultural Economics
Ohio State University
Columbus OH 43210

J. S. Plaxico
Department of Agricultural Economics
Oklahoma State University
Stillwater OK 74074

L. M. Eisgruber
Department of Agricultural Economics
Oregon State University
Corvallis OR 97331

John W. Malone Jr.
Department of Agricultural Economics
Pennsylvania State University
University Park PA 16802

Darrell L. Hueth
Department of Resource Economics
University of Rhode Island
Kingston RI 02881

J. E. Faris
Department of Economics
Clemson University
Clemson SC 29631

J. E. Thompson
Department of Economics
South Dakota State University
Brookings SD 57006

J. A. Martin
Department of Agricultural Economics
University of Tennessee
Knoxville TN 37901

J. A. Hopkin
Department of Agricultural Economics
Texas A & M University
College Station TX 77843

J. C. Andersen
Department of Agricultural Economics
Utah State University
Logan UT 84321

F. O. Sargent
Department of Resource Economics
University of Vermont
Burlington VT 05401

J. D. Coffey
Department of Agricultural Economics
VPI & State University
Blacksburg VA 24061

Leroy F. Rogers
Department of Agricultural Economics
Washington State University
Pullman WA 99163

K. D. McIntosh
Division of Resource Management
West Virginia University
Morgantown WV 26506

P. P. Dorner
Department of Agricultural Economics
University of Wisconsin
Madison WI 53706

Andrew Vanvig
Division of Agricultural Economics
University of Wyoming
Laramie WY 82070

Department of Agricultural Economics
Institute of Agricultural Sciences
University of Alaska
Fairbanks AK 99701

G. E. Pringle
Department of Economics
University of Puerto Rico
Mayaguez PR 00708

SUPPLEMENTARY LIST

James E. Osborn
Department of Agricultural Economics
Texas Tech University
Lubbock TX 79409

Leroy Davis
Department of Agricultural Economics
Southern University
Baton Rouge LA 70813

Walter J. Wills
Department of Agricultural Industries
Southern Illinois University
Carbondale IL 62901

Walter P. Falcon
Food Research Institute
Stanford University
Stanford CA 94305

AGRICULTURAL ECONOMISTS AT THE "1890 INSTITUTIONS"

RESEARCH COORDINATOR	AGRICULTURAL ECONOMISTS
Winfred Thomas Alabama Agricultural & Mechanical University Normal AL 35762	Yilmaz Esensoy
B. D. Mayberry Tuskegee Institute Tuskegee AL 36088	Handy Williams George T. Dowdy
S. J. Parker University of Arkansas at Pine Bluff Pine Bluff AR 71601	J. A. Gordon D. J. Houston A. B. Harris D. Jones
U.S. Washington, Jr. Delaware State College Dover DE 19901	Richard F. Bieker
W. L. Peters Florida Agricultural & Mechanical University Tallahassee FL 32307	T. O. Lewis (Retired) (No Replacement)
O. C. Simpson Fort Valley College Ft Valley GA 31030	Melvin Walker, Jr. Kuang-Hsing T. Lin
William Fleming Kentucky State University Frankfort KY	Dae Song Lee Joel Sokoloff
McKinley Mayes Southern University Baton Rouge LA 70813	Leroy Davis Raymond Bridge Alfred Leon Parks
C.D. Ignatius University of Maryland Eastern Shore Princess Anne MD 21853	J. Jardine C. C. Marion M. W. Vaughn Hershel Staats
J. A. Morris Alcorn Agricultural & Mechanical College Lorman MS 39096	J. W. Fortenberry Alfred Steward Jerome Burton Paul Kan Carolina Kan Carter Catlin
E. M. Wilson Lincoln University Jefferson City MO 65101	S. M. Talley
Howard F. Robinson North Carolina A & T State University Greensboro NC 27411	Sydney Evans Anwar Khan David Chen Richard Robbins Basil Coley Hari Marhatta Howard F. Robinson

S. K. Pacholy
Langston University
Langston OK 73050

R L Hurst
South Carolina State College
Orangeburg SC 29115

H. W. Carter
Tennessee State University
Nashville TN 37203

Freddie L. Richards
Prairie View A & M Mechanical
University
Prairie View TX 77445

Maurice Q. Godly
Virginia State College
Petersburg VA 23803

Richmond E. Kinnard

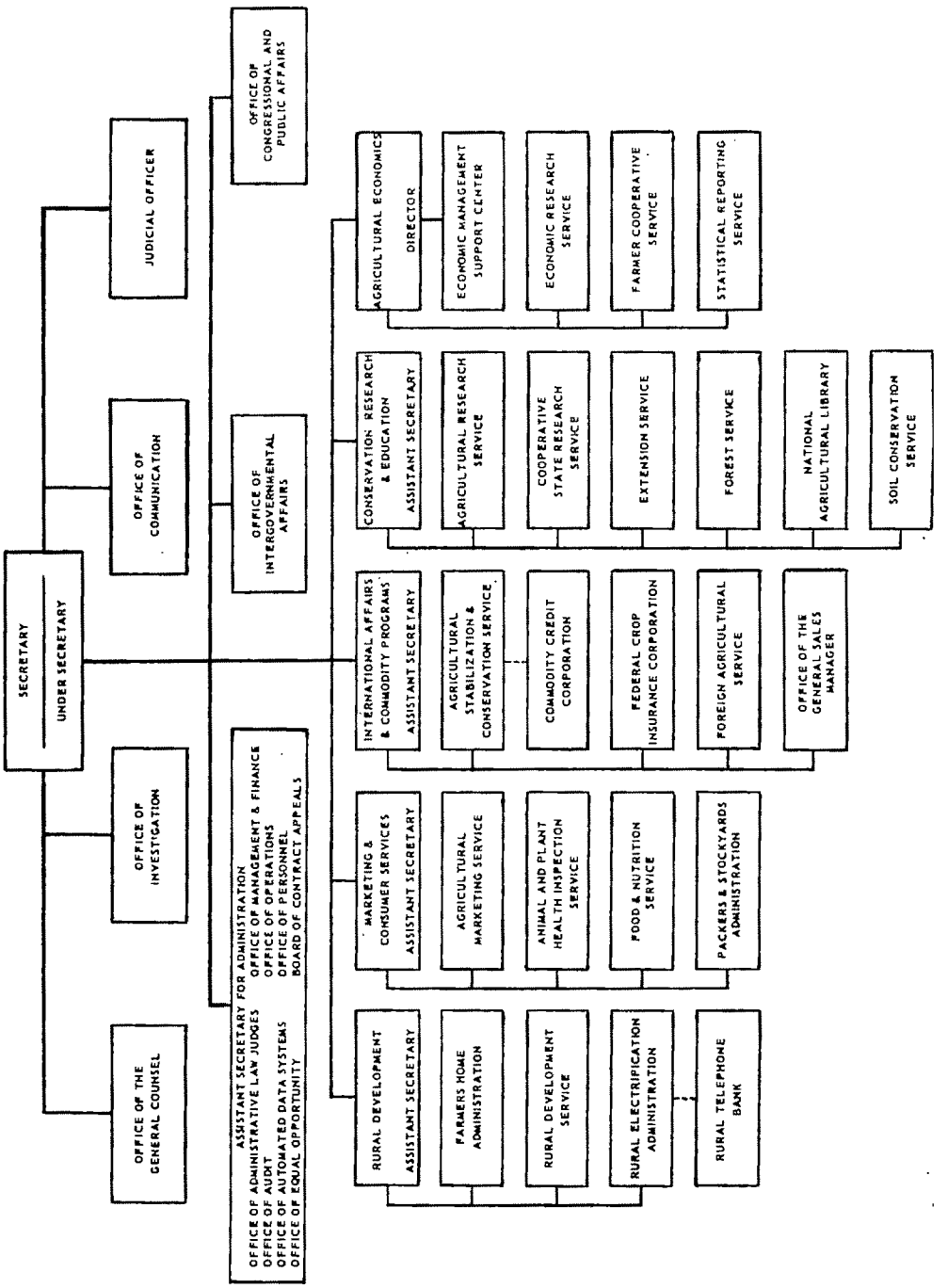
S. R. Londhe
Edt Iwok

Gul M. Telwar
Richard Edwards
Roger C. Woodworth
S. P. Singh

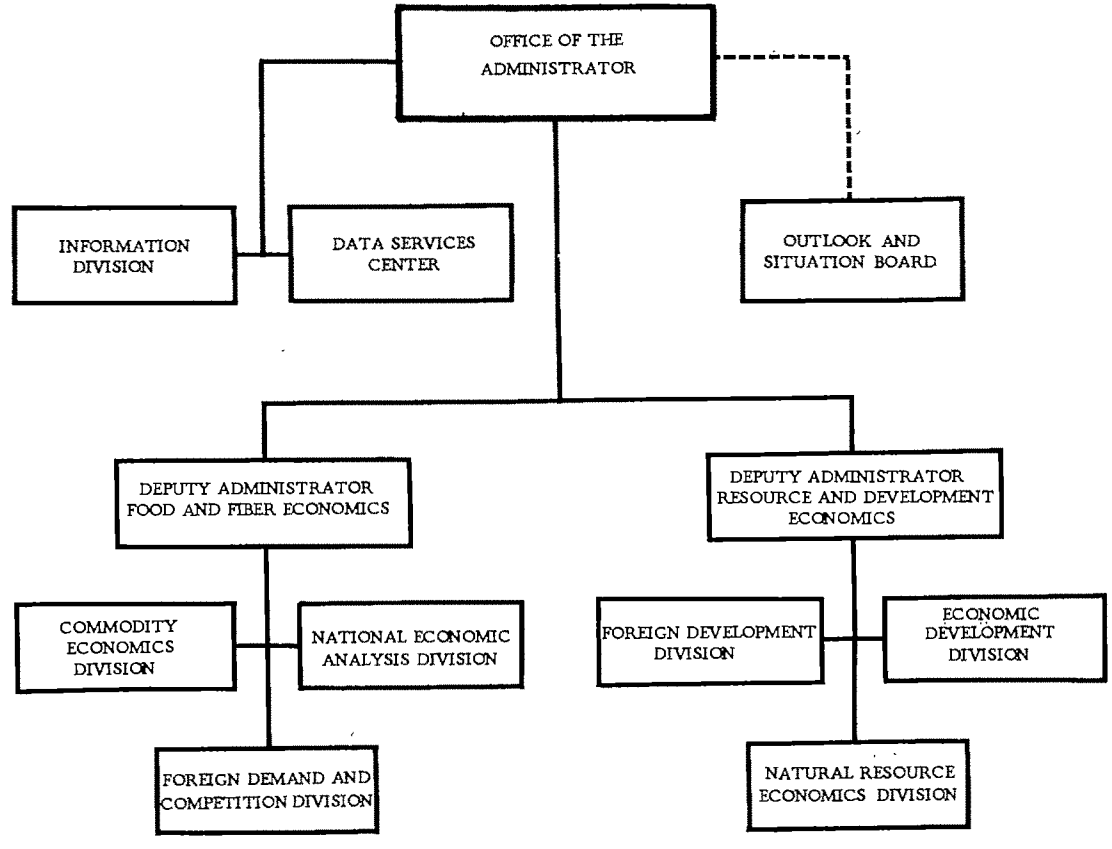
V. W. Edmondson

M. T. Carter
Eeung-Oh Park
A. H. Khan

U. S. DEPARTMENT OF AGRICULTURE

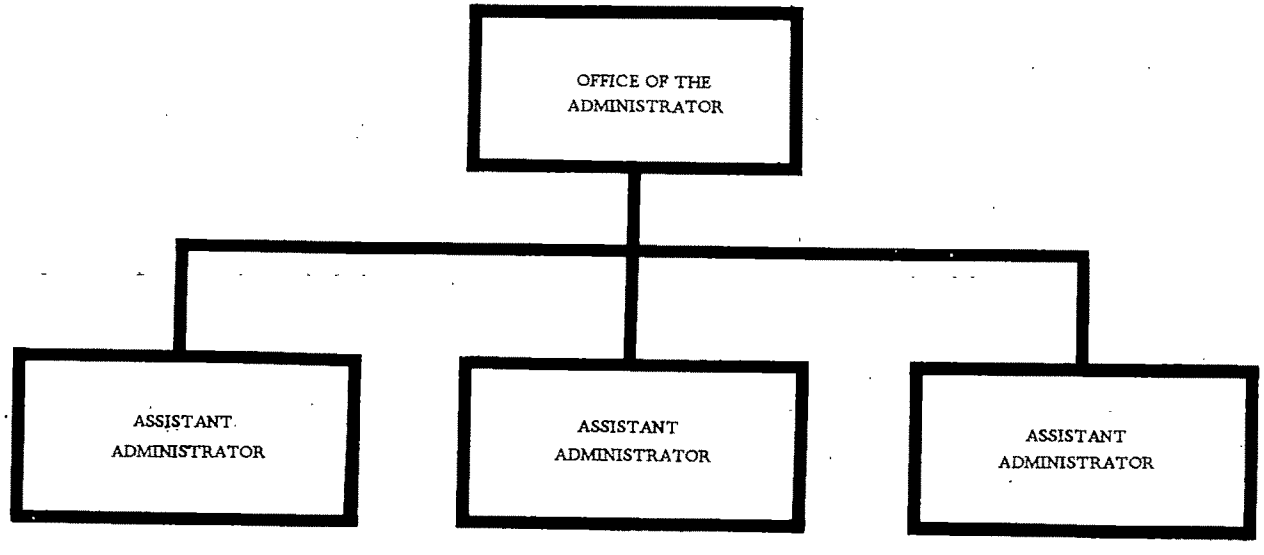


ECONOMIC RESEARCH SERVICE



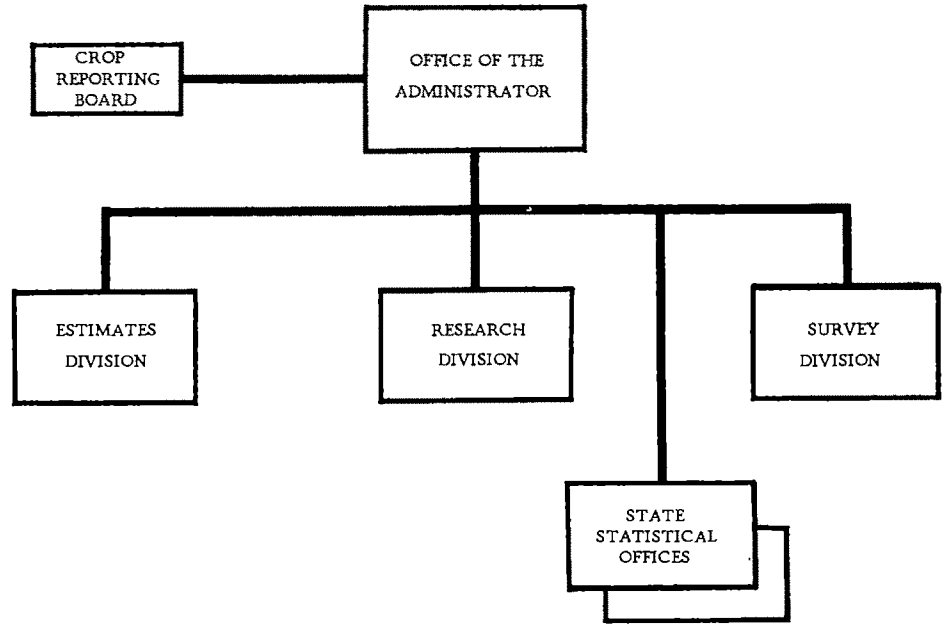
The Service develops and carries out a program of economic research designed to provide economic intelligence for the Department of Agriculture and other Federal decision makers, farmers, and related industries, and the general public. The findings of this research are made available to these users through research reports and economic outlook and situation reports on major commodities, the national economy and international economy.

FARMER COOPERATIVE SERVICE



The Farmer Cooperative Service conducts studies relating to cooperatives engaged in the marketing of farm products, purchasing of production supplies, and supplying related business services. The Service provides technical assistance on the full range of organization and management problems confronting cooperatives. Applied research is conducted on financial, organizational, legal, social, and economic aspects of cooperative activity. Statistical data are collected to detect changes in structure, operations, and growth trends. This information is communicated to the farmer or member through a variety of publications.

STATISTICAL REPORTING SERVICE



The mission of the Statistical Reporting Service is to administer a program of collecting and publishing national and state agricultural statistics. Data developed by the Service on food and agriculture are essential to farmers, processors, and handlers in making production and marketing decisions and to legislators and administrators in developing and administering agricultural programs. Data provided by the Service are basic to economic research and analysis, consumer programs, and other agricultural research.

B I O G R A P H I C A L L I S T

O F

I N D I V I D U A L M E M B E R S

Please refer to the preliminary pages for lists of codes used and to the facsimile of the questionnaire for background of other information listed. The number in the parenthesis following the title or position refers to the type of employer (CODE LIST A). Other numbers immediately following refer to the areas of work activity (CODE LIST B). The first number under fields refers to the primary field of specialization while the other numbers refer to the second, third and fourth fields of interest (CODE LIST C). All classifications were made by the respondent.

AANDERUD, Wallace G., Econ Dept, SD State Univ, Brookings SD 57006; PH 605-688-4141.
Ext Econ, SD St Univ (03) 09, 07, 02.
b. 1924 North Dakota, M-3.
BS 1950, MS 1960 ND St Univ; PhD 1964 OK St Univ.
Fields: 012, 011, 013, 022.
Prev Emp: Assoc Mktg Spec, ND St Univ, 1958-60; Voc Agr Instr, Ralla Public School 1954-57; Vets Agr Instr, Cando Public School 1950-54.
Pub: Management Guide for Planning a Farm or Ranch Business, SD St Univ 1974; Ten Steps in Planning Your Farm or Ranch Business, SD St Univ 1975; Alternative Pasture System, SD St Univ 1976.
Lang: Sp 3-0-0.
Mbr: WAEA, SD-SFM&RA, ASFM&RA.
Hon: WAEA Outstanding Ext Program 1965; Phi Kappa Phi; Alpha Zeta.

ABBAS, Leon E., Rural Devl Center, P O Box 1209, Tifton GA 31794; PH 912-386-3420.
Asst Prof, Univ of GA (03) 02, 18, 09.
b. 1939 Iowa; M-2.
AA 1960 Ellsworth Jr College; BS 1963 IA St Univ; MS 1969 MT St Univ; PhD 1975 OR St Univ.
Fields: 093, 030, 012.
Pub: An Economic Analysis of Occupational Mobility: A Case Study of Oregon Commercial Fishermen, OR St Univ 1975.
Lang: Sp 1-1-1.
Mbr: SAEA.

ABBOTT, Elaine R., Sunkist Growers, Inc. PO Box 7888, Van Nuys CA 91409
Econ & Trade Anal, Sunkist Growers, Inc. (52) 07, 10.
b. 1944, Florida; U.
BA 1966 Univ of MD;1967-69 George Washington Univ.
Fields: 113, 111, 016.
Prev Emp: Intl Econ, US Dept of Commerce Washington DC 1966-72.
Lang: Fr 1-3-2.
Mbr: AEA; Natl Assoc of Bus Econ.
Hon: Who's Who in Am Women; Gen MD St Tuition Scholarship; Natl Sci Found Traineeship.

ABBOTT, John C., FAO Agr Serv Div, Viale delle Terme di Caracalla, Rome, Italy, PH Rome 5797.
Chf Mktg & Credit Serv, FAO (63) 18, 22, 03.
b. 1919 England.
BA 1946, MA 1948 Cambridge Univ; PhD 1953 Univ of CA.
Fields: 013, 014, 070.
Prev Emp: Instr, Univ of CA, Davis 1952-54; Asst, Oxford Univ England 1947-49.
Pub: Agricultural Economics & Marketing, London, England 1976; Rice Marketing, Rome, Italy 1971; Fertilizer Marketing, Rome, Italy 1976.
Lang: Fr 1-1-1; Ita 1-1-1; Sp 1-1-2.
Mbr: IAAE; CAES; AEA.

ABDOU, Dyaa A.K., Dept of Economics, IA St Univ, Ames IA 50010; PH 515-294-6780.
Post Doctorate Res Assoc, IA St Univ, (03) 07.
b. 1946 Egypt; Citz: USA; M-2.
BS 1967 Cairo Univ; MS 1973, PhD 1975 IA St Univ.
Fields: 014, 081, 016, 075.
Prev Emp: Res Assoc, IA St Univ 1974-75; Res Asst, IA St Univ 1971-74; Sales Spec, EL-NASR Export & Import Co, Cairo, Egypt, 1968-69.
Pub: Quarterly Models for Forecasting Live Hog Prices, MS Thesis 1973; The Impact of Separating Fed from Non-Fed Beef in an Econometric Simulation, PhD Dissertation 1975.
Lang: Arabic, Other: Eng 1-1-1.

ABEL, Fred H., 20 Massachusetts Avenue, NW, Washington DC 20001; PH 202-736-4774.
Sr Econ Anal, U.S. Energy Res & Devl Adm (36) 18, 19, 15.
b. 1936 Michigan; M-3.
BS 1959 MI St Univ; MS 1961 Univ of DE; PhD 1967 MI St Univ.
Fields: 081, 011, 020, 030.
Prev Emp: Res Econ, USDA-ERS Prod Econ Div, Washington DC 1965-69; Leader Econ Structure Group, USDA-ERS-EDD, Washington DC 1969-72; Chf Econ Anal Br Env Prot Agency, Washington DC 1972-75.
Pub: Problems of Land Use Change 1971; Methods and Problems of Estimating Water Quality Benefits & Costs, Jour Am Water Work Assn, May 1974; Project-by-Project Analysis vs Comp Planning Cost/Benefit Anal & Water Pollution Policy-Urban Institute 1975.
Mbr: AEA; Econometrica; Reg Sci Assoc.
Hon: Am Men & Women of Science.

ABEL, Martin E., Dept of Agr & Applied Econ, Univ of MN, St Paul MN 55101; PH 612-376-3560.
Prof, Univ of MN (03) 08, 07, 02.
b. 1934, New York; M-3.
BS 1956 Cornell Univ; PhD 1961 Univ of MN.
Fields: 070, 112, 016, 017.
Prev Emp: Prog Adv, Ford Found, New Delhi India 1969-71; Deputy Asst Sec, USDA, Washington DC 1967-68; Asst to Adm, ERS-USDA, Washington DC 1965-67.
Mbr: AEA; ASA.
Hon: Am Men & Women of Science.

ABLASSER, Gottfried, World Bank, 1818 H St, NW, Washington DC 20433; PH 202-477-3945.
Economist, World Bank (66) 19, 17, 18.
b. 1938, Austria, Citz: Austria, U.
BS 1962 Univ of Vienna, MS 1964, PhD 1967 Univ of IL.
Fields: 013, 011, 081, 016.
Prev Emp: Econ., Canadian Dept of Agr, Ottawa, Canada 1967-69.
Lang: German, Other: Eng 1-1-1, Sp 2-3-2, Fr 3-3-3, Por 3-3-3.

ABOU-BAKR, Ahmed, Dept of Agr Econ, Washington St Univ, Pullman WA 99163.

ABRAHAM, George L., 1627 Whitfield Ave., Sarasota FL 33580, PH 813-756-5597.
Pres-Owner, Madigan-Abraham Assoc, Inc (51) 15, 07, 05.
b. 1925 South Dakota, M-7.
BS 1950 Univ of MO.
Fields: 016, 051.
Prev Emp: Vice Pres & Dir of Res, Cudahy Foods, Phoenix AZ 1961-63.
Mbr: Natl Econ Club, Am Meat Inst.
Hon: Delta Gamma Sigma, Phi Eta Sigma.

ABRAHAMSEN, Martin A., Dept of Agr & Res Econ, Univ of MD, College Park, MD 20742; PH 301-455-3805.
Visiting Prof, Univ of MD (03) 07, 08, 17.
b. 1908 Wisconsin, M-1.
BE 1930, MA 1933, PhD 1940 Univ of WI
Fields: 014, 095, 017.
Prev Emp: Dep Adm FCD-USDA, Washington, DC 1949-73; Prof Agr Econ, NC St Univ, Raleigh NC 1945-49; Prof Agr Econ, WV Univ, Morgantown WV 1936-45.
Pub: Cooperative Research: Programs, Problems, FCD-USDA 1975; Cooperative Growth: Trends & Strategy, FCS-USDA 1973; Agricultural Cooperation: Selected Readings, Univ of MN Press, 1957.
Lang: Nor. 2-3-2.
Hon: Cosmos Club.

ACKER, Darrel L., 10 W Auglaize Street, Wapakoneta OH 45895; PH 419-738-8196.
Area Ext Farm Mgmt Agt, OH St Univ (03) 09.
b. 1936, Iowa, M-2.
BS 1958 IA St Univ, MS 1969 Univ of WI.
Fields: 012, 013, 011, 018.
Prev Emp: Ext Spec, Univ of WI, 1969; Program Asst, Univ of WI 1966-68 and 1970-71; Voc Agr Instr, Interstate School, Iowa 1960-66.
Pub: Potential for Entry of Low Equity Farmers, Univ of WI, 1970; Costs, Returns for Maple Syrup Operations, Univ of WI 1970; Study Your Dairy Costs for Higher Profits, The Ohio Farmer, 1973.
Mbr: OCEAA, NACAA.

ACKERMAN, Joseph, 399 Poplar Ave., Elmhurst IL 60126; PH 312-832-5186.
Retired, Farm Foundation (76) 26, 07, 22.
b. 1904 Illinois, M-4.
BS 1929, MS 1930 Univ of IL; PhD 1938, Univ of IL, LLD 1965 Elmhurst College.
Fields: 017, 012, 020, 070.
Prev Emp: Mng Dir, Farm Foundation, Chicago IL 1939-70.
Lang: Ger 2-3-2, Sp 2-3-3.
Mbr: IAAE, Sec Tres 1958-73, ASFM&RA, Sec Tres 1939-44, ACLA, Pres, 1947-48.
Hon: Who's Who in America, Dir of Am Scholars, Leaders in Educ, Intl Who's Who, Am Men & Women of Science, Fellow AAEA, Master Builder of Men, Farm House Frat, Elmhurst Distinguished Service Award.

ACTON, Robert W., Land O'Lakes, Inc, 614 McKinley Place, Minneapolis MN 55413; PH 612-331-6330.
Dir, Operations Res, Land O'Lakes Inc (52 15, 17, 18.
b. 1938 Ohio, M-4.
BS 1960, MS 1965 OH St Univ, PhD 1970 Purdue Univ.
Fields: 084, 015, 010, 080.
Prev Emp: Prod Spec, OH Div of Wildlife, Columbus OH 1960-64.
Mbr: Adm System Committee, AFMA, Operation Res Soc of America, Am Men & Women of Science.

ADAMS, Dale W., 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-8014.
Prof, OH St Univ (03) 07, 08, 22.
b. 1934 Utah, M-3.
BS 1956 UT St Univ, MS 1961, PhD 1964 MI St Univ.
Fields: 013, 133, 073, 076.
Prev Emp: Staff Econ, Agency for Intl Devl, Washington DC 1968-69, Asst Prof, Univ of WI 1964-66.
Pub: External Credit Policy for Latin America, AJAE, 1971; Changes in Rural Purchasing Power in Taiwan 1952-72, Food Res Inst, 1975; Voluntary Rural Savings Capacities in Taiwan 1960-70, AJAE, 1976.
Lang: Sp 1-1-1, Por 2-2-3.
Hon: Am Men & Women of Science.

ADAMS, Kendall A., Dept of Mktg, Southern IL Univ, Carbondale IL 62901
Prof., Southern IL Univ (03) 05, 08, 07.
b. 1926 Oregon, M-2.
BS 1951 OR St Univ, MA 1953, PhD 1962 MI St Univ.
Fields: 095, 014, 015, 073.
Prev Emp: Proj Spec, Ford Found, Dom Rep. 1967-69; Asst Prof, AZ St Univ, Tempe AZ 1962-65; Mktg Spec, MI St Univ, E Lansing MI 1954-56.

Pub: Industrias Portela, C. porA, Comm. Case Clearing House, MA, 1975; Functional Wholesalers Sales Trends and Analysis, AMA-NY, 1975; Note on Use of Reading Books, AMA, 1973.
Lang: Sp 2-2-2.
Mbr: Am Mktg Assoc.
Hon: Dir of Intl Scholars, Am Men & Women of Science, Who's Who in the Midwest, Beta Gamma Sigma.

ADAMS, Richard M., Div of Agr Econ, Univ of WY, Laramie WY 82071; PH 307-766-3309.
Asst Prof, Univ of WY (03) 07, 08.
b. 1945 USA, M-1.
BS 1968, MS 1971, Phd 1975 Univ of CA, Davis.
Fields: 011, 026, 027, 084.
Prev Emp: Post Grad Res Agr Econ, Univ of CA, Davis 1974-75; Res Asst, Univ of CA, Davis 1971-74; Agr Econ, USDA-Soil Cons Serv, Red Bluff CA 1968-70.
Pub: Structure & Projections of the Humbold County Economy: Economic Growth vs Environmental Quality, Giannini Found, Res Rep No 318, 1973; A Quadratic Programming Approach to the Production of California Field & Vegetable Crops Emphasizing Land, Water & Energy Use, PhD Dissertation, 1975.
Lang: Ger 3-3-0.
Mbr: WAEA.

ADAMS, Thomas C., PO Box 3141, Portland OR 97208; PH 503-234-3361.
Forest Econ, U.S. Forest Service, PNW (23) 07.
b. 1918 California, M-2.
BS 1940, AB 1941 Univ of CA-Berkeley; MA 1950, PhD 1952, Univ of MI.
Fields: 023, 117, 031, 113
Prev Emp: Asst Prof, OR St Univ 1955-57.
Pub: Cooperative & Federal Sustained Yield Forest Units, Univ of MI 1952.
Mbr: Soc of Am Foresters, Chapter Chairman 1967.
Hon: Am Men & Women of Science, Who's Who in the West.

ADEDAILE, Leonard P., Dept of Rural Econ, Univ of Alberta, Edmonton, Alberta Canada T6G 2H1; PH 403-432-4580.
Assoc Prof, Univ of Alberta (03) 08, 07.
b. 1939 Canada; Citz: Canada; M-4.
BSA 1960 McGill Univ; PhD 1968 IA St Univ.
Fields: 017, 073, 077, 081
Pub: Regional Agr Devl Planning, IA St Univ, 1968; Curreculum for Self Reliance, Science Educ in Zambia 1973; Critique of Rural Hot House Industry, Collier-MacMillan 1972.
Lang: Fr 1-1-1.
Mbr: CAES; WRSA; IAAE.

ADJAOTTOR, Sylvester T., PO Box M 37, Accra, Ghana, Africa; PH 021-654-21.
Sr Agr Econ, Min of Agr (40) 20, 15.
b. 1939 Ghana, Africa, Citz: Ghana, M-1.
BS 1967 Univ of Ghana, MA 1974 W. IL Univ.
Fields: 012, 013.
Lang: Ada, Other: Eng 1-1-1, Twi 1-1-1.

ADRIAN, John L., Dept of Agr Econ, Auburn Univ, Auburn AL 36830; PH 205-826-4800.
Asst Prof, Auburn Univ. (03) 08, 07.
b. 1947 Alabama, M-2.
BS 1969, MS 1971 Auburn Univ; PhD 1974 Univ of TN, Knoxville.
Fields: 020, 016, 080.
Prev Emp: Grad Res Asst, Univ of TN, 1971-74; Res Assoc. Auburn Univ, 1971; Grad Res Asst, Auburn Univ, 1970-71.
Pub: Impact of Socioeconomic Factors on Consumption of Selected Food Nutrients in the U.S., AJAE, Feb 1976; Specification of the Impact of Socio-economic Factors on Consumption of the Animal and Vegetable Sources of Protein, SJAE, 1975; Costs and Returns of Commercial Catfish Production in Alabama, AL Agr Exp Sta Bull 421, 1971.
Mbr: SAEA, Al Soc of Farm Mgr & Rur Appr.
Hon: Outstanding Young Men of Am, 1973; Phi Kappa Phi, Sigma Xi, Gamma Sigma Delta.

ADULAVIDHAYA, Kamphol, Dept of Agr Econ, Kasetsart Univ, Bangkok, Thailand; PH 79-1544.
Chairman Dept of Agr Econ, Kasetsart Univ, (03) 02, 07, 08.
b. 1935 Thailand, Citz: Thailand, U.
BS 1959 Kasetsart Univ, MS 1962 OR St Univ, PhD 1970 Purdue Univ.
Fields: 011, 012, 021, 024.
Prev Emp: Asst Prof 1970, Lectr 1966-70, Jr Lectr 1959-66 Kasetsart Univ.
Pub: Changes in Rice Farming in Selected Areas of Asia, IRRI, Philippines, 1975; A Microeconomic Analysis of the Production Relationships in the Agriculture of Thailand, Paper No. 75, Food Res Inst, Stanford Univ, 1975.
Lang: Thai, Other: Eng 1-1-1.
Mbr: Agr Econ Soc of Thailand, Pres., 1975.
Hon: Member NH Gen Assembly; Member Nal Res Council.

AFUH, Jeremaih A., Agr Econ Dept, Univ of NE, Lincoln NE 68503; PH 402-472-3401.
Grad Res Asst, Univ of NE (03) 23.
b. 1950, Cameroon, Citz: Cameroon, M-0.
BS Egu 1973 RHLS Deventer,
Fields: 022, 038, 073, 110.
Prev Emp: Field Mgmt Trainee, CDC Bota, Cameroon, June 1971.
Pub: Valuation & Exchange Rates of International Currencies, UNL, 1975.
Lang: Fr 1-2-2, Dutch 1-2-2.
Mbr: Inst of Netherlands Prof Eng, 1973.
Hon: Gamma Sigma Delta.

AGANOGLU, Ali, School of Business Adm, Univ of Istanbul, Bayazit, Turkey; PH 224200
Teacher, School of Business Adm, Univ of Istanbul, (03) 08.
b. 1916 Turkey, Citz: Turkey, U.
1935-1938 Ankara Univ; 1950-51 KS Univ; 1954-55 Harvard School of Business Adm.
Fields: 013, 132.
Prev Emp: Senator, Senate of Turkey, Ankara 1961-75; Pres. The Commercial Bank of Turkey, Istanbul, 1960-61.
Pub: Agricultural Economics in the U.S. of America (published in Turkish) Istanbul, Turkey 1953.
Lang: Turkish, Other: Eng 1-1-1.
Mbr: Propeller Club of Istanbul, Turkish Mgmt Assoc.
Hon: International Who's Who.

AGNEW, Donald B., Commodity Econ Div-MA, 500 12th Street SW, Washington DC 20250; PH 202-447-8470.
Agr Econ, USDA-ERS, (16) 07, 08, 22
b. U.S., M-1.
BS 1941, Univ of IL, CSA (MS Eq) 1957 USDA Grad School,1957-65 Univ of MD.
Fields: 014, 015, 018, 141
Prev Emp: Instr in Econ, Univ of MD & USDA Grad Sch, College Park MD & Washington DC 1969- --; Res Asst, IL St Natural History Survey, Urbana IL 1939-41
Pub: Cost of Marketing Livestock in the U.S., USDA, 1973; Meatpacking Processing-Distribution Cost and Meat Price Studies, USDA 1960; Milk Marketing-Processing-Price Studies, USDA, 1954-61.
Lang: Sp 2-0-0, Ger 2-0-0.
Mbr: IAAE, SAEA, NEAEC.
Hon: Who's Who in Am SW, Am Men & Women of Science, USDA Superior Serv Award 1973, USDA Certificate of Merit, 1972, Natl Comm of Food Mktg 1964.

AGUIRRE, Juan A., PO Box 4830, Managua DN, Nicaragua; PH 6-4072.
Country Rep., IICA-OEA (67) 03, 15, 18.
b. 1940 Cuba, Citz: Cuba, U.S. Resident, M-3.
BSA 1962, MSA 1964 Univ of FL; PhD 1969 Cornell Univ.
Fields: 035, 073, 075, 076.
Prev Emp: Reg Econ, IICA-OEA, Guatemala 1969-74; Country Econ, IICA-OEA, Costa Rica 1968-69.
Pub: Agricultural Regions of Costa Rica, IICA 1971; Agricultural Policy of Nicaragua, IICA 1974; Small Farmers Productivity: Cotton vs Corn and Beans in Central America, IICA 1975.
Lang: Spanish; Other: Eng 1-1-1, Por 3-3-3.
Hon: IICA-OEA Professionals in Agr; 1st Prize for Paper in Sp in 1971, Am Soc of Horticultural Sci Tropical Region.

AHALT, J. Dawson, Office of the Sec., Rm 214-A Adm Bldg., 14 & Jeff Drive, Washington DC 20250; PH 202-447-7043.
Staff Econ, USDA (23) 07, 06.
b. 1936 Maryland M-2.
BS 1958 Univ of Md; MA 1966 Am Univ. 1966-68 George Washington Univ.
Fields: 016, 018, 112, 017
Prev Emp: Dep-Assoc Dir for Econ Policy, Cost of Living Council Washington DC 1971-73; Head-Demand Anal Sect, USDA-ERS, Washington DC 1968-71; Agr Econ USDA-ERS, Washington DC 1966-68
Pub: Controls and Inflation, Am Enterprise Inst., 1975; A Look at Agriculture Through Input-Output Analysis, Demand & Price Situation 1970; Demand for Feed Concentrates, Agr Econ Review 1975.
Hon: Alpha Zeta, Omicron Delta Epsilon.

AHERN, James J., 2401 Crow Canyon Road, San Ramon CA 94583; PH 415-837-1531.
Agr Tech, Shell Chemical Company (51) 15, 07.
b. 1948 California, M-0.
BS 1971 CA St Poly, Pomona CA; MS 1973 Univ of MD.
Fields: 095.
Prev Emp: Econ, Cost of Living Council, Washington DC 1973-74.
Pub: Structural Changes in Food Marketing, Retailing, Wholesaling & Marketing in U.S., Univ of MD Agr Ext, 1974.
Lang: Sp 2-2-2.
Mbr: AEA
Hon: Gamma Sigma Delta.

AHL, James G., Office of Land Use Adm, 1720 Carey Avenue, Boyd Bldg #500, Cheyenne WY 82002; PH 307-777-7494.
Exec Director, State of Wyoming (40) 06.
b. 1935 Wyoming, M-2.
BA 1963, MS 1966 Univ of WY; PhD 1971 MI St Univ.
Fields: 020, 030, 130
Prev Emp: Econ Anal, Dept of Natural Resources, State of Michigan, 1973-75; Econ Anal, State Planning Div, Exec Office, State of Michigan 1972-73.
Pub: Land Taxation in Michigan, MI Planning News, April 1974; Use-Value Assessment Legislation in the U.S., Land Economics, May 1973; Investigation of Land Resource Use in SE Michigan, October 1972.

Mbr: AEA
Hon: Grad Asstship 1965, 1970, 1971.

AHMAD, Mokhtee, Dept of Bus Adm, Tulsa Univ, Tulsa OK; PH 918-939-6351.
Visiting Instr, Tulsa Univ (03) 08.
b. 1943, Singapore, Citz: Malaysia, M-1.
BS 1967 Univ of OK; BS 1970
Fields: 061, 084, 131, 093.
Prev Emp: Adj Instr, IA St Univ, Ames, 1973-74.
Lang: Malay; Other: Fr 2-3-3, Eng 1-1-1.
Mbr: SEA

AHMAD, Moshta , Baluchistan, Rani Bagh, Quetta, Pakistan.
State Investigator, Dir. Agriculture (40) 15.
b. 1942 Pakistan, Citz: Pakistan, M-2.
MS 1976 AUB.
Fields: 014, 083, 085, 112.
Pub: Sectoral Terms of Trade in Pakistan, MS Thesis 1976.
Lang: Urdu; Other: Eng 1-1-1, Arabic 1-2-3.

AHMED, Mesbah U., PO Box 4478, Tech Univ, Lubbock TX 79409.
Res Asst, Dept of Agr Econ, TX Tech Univ (03) 07, 22, 23.
b. 1946 Bangladesh, Citz: Bangladesh, M-0.
BS CHE 1968 Ban Univ of Engr & Tech; MS 1972, PhD 1976 TX Tech Univ.
Fields: 080, 090, 153, 152.
Prev Emp: Res Asst, Dept of IE, Texas Tech Univ, Lubbock, 1971-73.
Pub: Costs & Effectiveness of Selected Alternatives in Second Home, Proc: Symposium on Man Leisure & Wildland, Dec 1975; Waste Disposal Systems, A Complex Interaction, Sept 1975.
Lang: Bengali, Other: Eng 1-1-1.

AHRENHOLZ, James R., Dept of Agr Econ, 318 Mumford Hall, Univ of MO, Columbia MO 65201; PH 314-882-3519.
Res Asst, Univ of MO (03), 23, 07.
b. 1942 Iowa, M-2.
BS 1965, MS 1969 IA St Univ.
Fields: 031, 011, 017.
Prev Emp: Mgmt Spec, IA St Univ Ext, Ottumwa 1969-75; Instr, IA St Univ, Ames, 1965-69.
Mbr: Am Soc of Farm Mngr & Rur Appraisers, Missouri Soc of FM&RA.
Hon: Gamma Sigma Delta.

AHRENS, Curtis L., F-122 NFDC, TVA, Muscle Shoals AL 35660; PH 205-383-4631.
Agr Econ, TVA (35) 06, 19, 22.
b. 1928 Kansas, M-3.
BS 1953, MS 1958 KS St Univ; PhD 1962 Univ of IL.
Fields: 012, 011, 073, 118.
Prev Emp: Res Asst, Univ of IL, Urbana, 1958-62; Instr, KS St Univ, Manhattan KS 1955-58.
Pub: Appraisal of Fertilizer Markets & Distribution Systems in Central America, TVA 1975; The Fertilizer Marketing System in Mexico, TVA, 1973; A Comparison of Procedures for Planning Fertilizer Use, PhD Dissertation, Univ of IL 1962.
Lang: Sp 2-0-3.
Mbr: SAEA.
Hon: Am Men & Women of Science, Phi Kappa Phi, Chi Gamma Iota.

AIGNER, Frank D, 490 L'Enphant Plaza SW. Washington DC 20578; PH 202-755-2178.
Agr Econ, Farm Credit Administration (32) 07, 15, 17.
b. 1932 Virginia, M-3.
BS 1959 VPI & St Univ; MS 1961 VPI & St Univ.
Fields: 011, 013.
Prev Emp: Acting Dir-Res Div, Farm Credit Adm, Washington DC 1975; Head-Veg Sect, Stat Reporting Serv USDA, Orlando FL 1966-68; Statistician, Stat Reporting Serv USDA, Richmond VA 1960-66.
Pub: The Marginal Value of Flue-Cured Tobacco Allotments, Agr Exp Station, VPI & St Univ 1962.

AINES, Ronald O., 401 N Michigan Avenue, Chicago IL 60611; PH 312-670-2390.
Asst Vice Pres, International Harvester (51) 10, 15, 18.
b. 1928, Rhode Island, M-2.
BS 1950 Univ of UT; MA 1954 Univ of MA 1954-56 Harvard Univ.
Fields: 093, 077, 046, 113.
Prev Emp: Mngr Bus Planning, IMC, Skokie IL 1965-70; Res Econ, USDA, Washington DC 1959-65; Asst Prof, Rutgers Univ, New Brunswick NJ 1956-59.
Pub: Linkages in Farm Control & Mgmt IA State Univ 1970; Utilization of Aerospace Information, Am Soc of Agr 1969; The 1962 Feed Grain Program USDA 1963.
Mbr: IAAE, NABE, Midwest Planning Association, Board of Directors.
Hon: Alpha Zeta, Phi Kappa Phi, Hood Foundation Fellow, Harvard.

AKROUT, Rached, Ministry of Agr, 10 Ave Jean Jaures, Tunis, Tunisia, Africa.
Agr-Econ, Ministry of Agriculture, 15.
b. 1949 Tunisia; Citz: Tunisia, U.
BA 1972 Tunis; MS 1974 OR St Univ.
Fields: 036.
Pub: Analysis of the Economic Limitations to the Production of Bread Wheat in Tunisia, USA 1974.
Lang: Arabic; Other: Fr 1-1-1, Eng 1-1-1.

ALBISU, Luis M., Dept of Agr Econ, Cornell Univ, Ithaca NY 14853.
Grad Student, Cornell Univ (03) 23, 07, 08.
b. 1944 Spain, Citz: Spain, U.
Ing Agronomo 1971 Madrid Univ, MSc Ag Mark 1973 Newcastle Univ.
Fields: 014, 081, 016.
Lang: Spanish, Other: Eng 3-2-3, Fr 3-2-2.
Mbr: AMA.

ALBRECHT, Oscar W., 555 Ridge Avenue, Cincinnati OH 45213; PH 513-684-4484.
Economist, US Env Protection Agency (31) 07.
b. 1923 Kansas, M-2.
BS 1949, MS 1958, KS St Univ.
Fields: 026, 064.

ALEXANDER, Charles T., 200 Mumford Hall, Univ of Missouri, Columbia MO 65201; PH 314-882-4627.
Grad Student, Univ of Missouri (03) 23, 08.
b. 1946, Nevada, D.
BS 1969 Univ of MO, Columbia.
Fields: 110, 070, 140, 014.
Prev Emp: Consulting Agr Econ, US Peace Corps, Philippines, 1973-75.

ALEXANDER, Eugene B., Yankton Prod Credit Assoc, Yankton SD 57078.
Loan Officer, Yankton Prod Credit Assoc (52) 05, 10.
b. 1925 Iowa, M-2.
BS 1950 IA St Univ; 1966 CO St Univ; MED 1968 SD St Univ.
Fields: 013, 018, 014.
Prev Emp: Res Asst, SD St Univ, 1966-68; Ext Assoc, IA St Univ 1963-66; VA Farm Training Instr, Iowa, 1951-63.

ALEXANDER, William H., Agr Econ & Agribusiness, LA St Univ, Baton Rouge LA 70803; PH 504-388-6204.
Professor, LA St Univ (03) 07, 08, 23.
b. 1912 Louisiana, M-1.
1938-39 LA Polytechnic Inst; BS 1942, MS 1946 LA St Univ; PhD 1961 Univ of IL.
Fields: 014, 053, 073.
Prev Emp: Assoc Prof, LA St Univ, 1952-61; Asst Prof, LA St Univ 1946-62; Econ, Sugar Price Sec, OPA, Washington DC 1945-46.
Pub: An Economic Formula for Pricing Class I Milk to Dairy Farmers, LSU Agr Exp Sta, 1974; Growth Patterns & Survival Tendencies of Firms in the LA Dairy Industry, LSU Agr Exp Sta, 1965; Wartime Products & Transportation of Milk in the Shreveport Area of LA, LSU Agr Exp Sta 1944.
Lang: Sp 2-2-2.
Mbr: IAAE, SAEA, LAE.
Hon: Am Men & Women of Science, Natl Dir of Latin Studies; Alpha Zeta, Gamma Sigma Delta, Man of Year, Am Inst of Cooperation & LA Council of Farm Cooperatives 1967.

ALGORTA, Juan V., OPyPA, Colonia 892 P5, Montevideo, Uruguay; PH 98-3465.
Planning Expert, Ministry of Agr, Uruguay (78) 18, 10
b. 1945 Uruguay; Citz: Uruguay, M-3.
Agronomist 1971 Univ of Uruguay; MS 1975 Univ of WI.
Fields: 017, 081, 084, 035.
Pub: Linear Programming, A Model for Typical Farm, 1975; Linear Programming: An Aggregated Model for Agriculture, 1975.
Lang: Spanish; Other: Eng 1-1-1, Fr 1-2-3
Mbr: AIA, Uruguay, AEA.

ALI, Mian B., Dept of Agr Econ, Univ of ID, Moscow ID 83843; PH 208-885-7961.
Graduate Student, (03) 23
b. 1946 Pakistan; Citz: Pakistan, M-O.
BA 1966 Govt College, Pakistan; MA 1968 Punjab Univ, Pakistan; MS 1972 Univ of ID, Moscow.
Fields: 021
Prev Emp: Res Assoc, Univ of ID, 1975.
Pub: A New Farm Area is Irrigated, ID Res Foundation, Univ of ID 1975.
Lang: Urdu-Punjab, Other: Eng 1-1-1.

ALLBAUGH, Leland G., 6830 Sheffield Dr, Knoxville TN 37919; PH 615-558-3659.
Retired, TVA (35) 06, 18, 26.
b. 1896 Iowa, M-2.
BS 1919, MS 1928 IA St Univ; PhD 1951 Harvard Univ.
Fields: 011, 017, 018, 012.
Prev Emp: Econ Consultant, UNDP, NY & Rome 1963-67; Dir. Agr Dev/ TVA Knoxville TN 1952-61; Assoc Dir Ext Serv IA St Univ 1943-44.
Pub: Crete: A Case Study of an Underdeveloped Area, Princeton Press 1953.
Mbr: IAEA, SAEA, ASA
Hon: Who's Who in the Am SW, Dict of Intl Biography, Medal of Freedom, U.S. Army, Rome, The Distinguished Achievement Citation by IA St Univ Alumni Association.

ALLEN, Elmer C., 9934-106 Street, Edmonto Alberta, Canada T5K1E1; PH 403-429-5846.
Res Econ, Unifarm (52) 07, 09.
b. 1933 Canada; Citz: Canada, M-2.
BS 1965, MS 1967 Univ of Alberta.
Fields: 014, 019, 016, 017.
Lang: Ukranian 3-3-3, Fr 3-3-3.
Mbr: Alberta Inst of Agrologists, CAES, RSS.

ALLEN, George R., Dept of Agr, School of Agr Bldg, King Street, Aberdeen, Scotland AB91UD.
Professor, Univ of Aberdeen (02) 01, 07, 08.
b. 1923 England; Citz: United Kingdom, M-4.
MA 1947, Univ of Oxford.
Fields: 017, 018, 070, 100.
Prev Emp: Dir of Econ Plng, Agr Chem Group, NY 1964-71; Fellow in Econ, St Edmund Hall Univ of Oxford 1954-64; Lectr in Agr Econ, Agr Econ Res Inst, Oxford, 1949-64.
Pub: Agricultural Marketing Policies (Basil Blackwell, Oxford) 1959.
Lang: Fr 1-1-2.
Mbr: AES, UK, Member Exec Committee 1961-63, 1972-75 & Editorial Board 1973.

ALLEN, Herbert R., Dept of Agr Econ, SD St Univ, Brookings SD 57006; PH 605-688-4141.
Assoc Prof Econ, SD St Univ (03) 08, 07.
b. 1924 Minnesota, M-2.
BS 1950, MS 1952 IA St Univ; PhD 1968 SD St Univ.
Fields: 012, 011, 013, 083.
Prev Emp: Dist Econ, IA Ext Serv, Denison IA 1960-63; County Agt, IA Ext Serv, Webster City IA 1957-59; Spec Agt, FHD, IA Ext Serv, Eldora IA 1955-57.
Pub: Economic Analysis of Ranch Organization, SD St Univ 1969; Grassland Production Systems, SD St Univ 1972; Budget Data Bank for South Dakota, SD St Univ 1976.
Lang: Sp 3-0-0.
Mbr: SDFM--Coll Adv.
Hon: Am Men & Women of Science, Gamma Sigma Delta, Pi Gamma Mu.

ALLEN, Philip G., Dept of Food & Res Econ, Univ of Massachusetts, Amherst MA 01002; PH 413-545-2490.
Visiting Asst Prof, Univ of MA (03) 07, 08.
b. 1942 England; Citizen: United Kingdom, M-0.
BS 1967 Univ of Nottingham; MS 1969, PhD 1972 Univ of CA-Davis.
Fields: 105, 026, 081.
Pub: Evaluation of Research Expend in California, Agriculture, Dissertation 1972; Framework for Measuring Economic Impact of Alternative Pollution Control Policies, Jour NAEC 1975.
Lang: Fr 2-3-2.
Mbr: AEA, NAEC.

ALLEN, Philip T., Econ Res Serv, USDA, Washington DC 20250; PH 202-447-7397.
Agr Econ GS 14, USDA (16) 07, 19
b. 1917 Kansas, M-2.
BS 1939 KS St Univ; MS 1940 MT St Univ, 1941 IA St Univ.
Fields: 013, 018, 118.
Prev Emp: Chf of Agr Party, USAID Mission to Liberia, USDA-PASA-USAID Liberia, West Africa 1968-70.
Pub: Revision of the U.S. Dept of Agriculture Nonreal Estate Farm Debt Series 1962-1975, ERS-USDA 1976; Agricultural Finance Outlook, ERS-USDA 1975.
Lang: Fr 3-0-0.
Mbr: OPEDA-ERS Chapter, V. Pres 1975-76.

ALLEN, Rutillus H., 3003 Van Ness Street NW, W928 Washington DC 20008; PH 202-244-3240.
Econ Consultant, Self Employed (75)
b. 1907 Maine, M-0.
BS 1929 Univ of ME; MS 1931 CT Agr College; 1 Yr Harvard Univ; PhD 1934 Univ of CA.
Fields: 073, 017, 118, 077.
Prev Emp: Dir for Operations, Nathan Associates, Washington, 1961-72; Dir. Food & Agr, US ECA-MSA, Paris, 1948-52; Dir Area Anal Sect, FAO, Washington 1947-48.
Lang: Fr 2-3-3.
Mbr: SID, NEC.

ALLEN, Stephen Q., Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506; PH 606-257-2981.
Ext Spec Farm Mgmt, Univ of KY (03) 09, 20, 15.
b. 1918, M-2.
BS 1948, MS 1953 Univ of KY.
Fields: 012, 011, 018, 013.
Prev Emp: Asst Econ, Univ of KY, 1953-55; Voc Agr Teacher, Casey County School, Liberty KY 1948-51; Elem Sch Tchr, Lincoln County School, Stanford KY 1940-42.
Mbr: ASFMRA, KAFMRA.

ALLISON, Thaine H. Jr., 2039 ND Street, San Bernardino CA 92404; PH 714-882-1782.
Staff Econ, Inland Counties Health Planning (70) 15, 17, 19.
b. 1939 Kansas, M-2.
BS 1962 Chico St Univ; MS 1967 CO St Univ; MA 1973 WA St Univ.
Fields: 021, 032, 040, 073.
Prev Emp: Asst Prof, Central WA St College, Ellensburg WA 1969-73.
Lang: Malay 3-3-2, Sp 3-3-2.

ALPERT, David M., 120 South Riverside Plaza, Chicago IL 60606; PH 312-372-3389.
President, JoMarc Commodity Service, Inc. (50)
b. 1944 Illinois, M-0.
Mbr: Chicago Mercantile Exchange, Intl Monetary Market.

AL-RAWI Aftan M.N., Fruit & Vegetable Mktg Adm, Taheer Square, Baghdad Iraq.
Manager, State Organization (40) 06, 11.
b. 1939 Iraq; Citz: Iraq; M-2.
BS 1960 Baghdad Univ; MS 1975 Univ of Newcastle-Upon-Tyne.
Fields: 014, 016.
Pub: Quantitative Analysis of Wheat Production & Consumption in Iraq, 1975.
Lang: Arabic; Other: Eng 2-2-2.
Mbr IEA.

ALT, Klaus F., 583 East Hall, Iowa St Univ, Ames IA 50011; PH 515-294-4422.
Agr Econ, USDA-ERS-NRED (16) 07.
b. 1946 Germany; Citz: USA; M-2.
BS 1968 OR St Univ; MS 1970 Univ of IL.
Fields: 026.
Prev Emp: Res Assoc, IA St Univ, 1970-71.
Lang: German; Other Fr 2-3-3.
Mbr: Iowa Academy of Science.

ALTON, Charles T., Dept of Agr Econ, Univ of KY, Lexington KY 40506; PH 606-258-8908.
Res Assoc & Grad Student, Univ of KY (03) 07.
b. 1942 Iowa; M-0.
BA 1965 St Olaf College; MA 1971 Univ of KY.
Fields: 073, 020, 110, 040.
Prev Emp: Res Assoc, Univ of KY, Thailand Project, Thailand, 1973-74; Employment Interviewer, IA St Emply Service, Fort Madison IA 1967-68.
Lang: Thai 2-3-1, Lao 2-3-1.
Mbr: SID, Soc for App Anthro, Siam Soc.
Hon: Dissertation 1/2 Grant from AID for Res in Thailand.

ALUFUO, Okechukwu G.,Pontifical Gregorian Univ, Piazza Della Pilota, Rome, Italy; PH 06-6701.
Student, 23
b. 1949 Nigeria; Citz: Nigeria; U.
BA 1974, MA 1975 Pontifical Gregorian Univ, Rome.
Fields: 070, 023, 155, 011.
Lang: French; Other Eng 1-1-1, Ita 1-1-1.

ALVES, Eliseu R A, Caixa Postal 1316, Brasilia Brazil DF 70000; PH 0612-23-7744.
Exec Dir, EMBRAPA (22) 01, 08, 07.
b. 1930 Brazil; Citz: Brazil; M-2.
MS 1968, PhD 1972 Purdue Univ.
Fields: 100, 105.
Prev Emp: Head of Dept, ACAR-MG (Ext) Belo Horizonte, MG, Brazil 1969-72.
Pub: An Economic Evaluation of the Impact of an Extension Program, MG Brazil, MS Dissertation 1968; An Econometric Study of the Agricultural Labor Market in Brazil: A Test...PhD Thesis 1972.
Lang: Port; Other: Eng 1-1-1, Sp 1-1-1.
Mbr: Biometric Soc, AEA, ISAE.

ALVIS, Ronald G., Box 469, Flint MI 48501; PH 313-232-9193.
Asst Econ & Editor, McDonald Coop. Dairy Company (52) 27, 15.
b. 1948 KY; M-1.
BS 1971 Murray St Univ; MS 1973 Univ of KY.
Fields: 014, 096.

AL-ZAND, Osama A. c/o UNDP in Tunisia, BP 863, Tunis, Tunisia.
Econ., FAO (63) 22, 18, 07.
b. 1939 Iraq; Citz: Iraq-Canada Res. M-2.
BA 1959 Univ of Baghdad; MS 1964, PhD 1968 Univ of MN.
Fields: 014, 016, 017, 073.
Prev Emp: Res Econ, Agr Can, Ottawa, 1973-75; Asst Prof, Univ of MN, St Paul-Tunis, 1968-73; Res Asst, Univ of MN, St Paul, 1965-68.
Pub: The Economics of Olive Oil and Oilseed in the Mediterranean Region, World Crops 1974; Canada's Oilseeds Sector - Overview of Marketing & Trade, CFE, 1974; European Community Markets for Soft Oils-Implications for Canada, Agr. Canada 1975.
Lang: Arabic; Other: Eng 1-1-1, Fr 2-1-2.
Mbr: PI-Can, IAAE.

AMANN, Thomas A., 305 S Mo Avenue, Belleville IL 62221.
Graduate Student, Southern IL Univ, Carbondale (03) 23.
b. 1953, Illinois; U.
BS 1975 Southern IL Univ.
Fields: 016.

AMANN, Victor F. Private Bag 003, Gaborone, Botswana, Africa.
Chf Agr Econ, Ministry of Agriculture (70) 06.
b. 1927 North Dakota; M-1.
BS 1956, PhD 1962 Univ of MN.
Fields: 011, 012, 014, 118.
Prev Emp: Prof WV Univ, Morgantown WV, 1975; Assoc Prof, Makerere Univ, Kampala, Uganda 1966-75; Asst Prof, OK St Univ, Ethiopia 1962-66.
Pub: Nutrition & Food in an African Economy, Makerere Univ Printery 1972; Agricultural Policy Issues in East Africa, Makerere Univ Printery, 1973; Financing Rural Development, Makerere Univ Printery, 1975.
Lang: Fr 0-3-0.
Mbr: IAAE, EAAES, Sec & Editor of EA Jour.
Hon: Intl Who's Who (Europa), Am Men & Women of Science.

AMES, Glenn C.W., Dept of Agr Econ, Univ of GA, Athens GA 30601; PH 404-542-2565.
Asst Prof, Univ of GA (03) 07, 08.
b. 1942 New York; M-2.
BS 1964 Mansfield St College, NY; MA 1968 N. IL Univ; PhD 1973 Univ of TN.
Fields: 073, 014, 013.
Prev Emp: Tchr, City Sch District, Rochester NY 1968-69; Volunteer, Peace Corps, VENEZUELA 1964-66.
Pub: Cooperative Credit for Farm Production in Mysore State, India, Knoxville Agr Expt Sta Bull 520, Oct 1973; Involving Rural Youth in Economic Development, Agr Adm II, No. 1 January 1975; The Emerging Role of Commercial Banks in Agricultural Development, Modern Government National Development, October 1975.
Lang: Sp 1-2-1, Fr 1-1-1.
Mbr: SAEA, Caribbean State Assoc.
Hon: World-Wide Dir of Caribbeanists, AID 211 (d) Fellow.

AMMERPOHL, Henry J., Central Piedmont College, Charlotte NC 28204; PH 704-373-6945.
Instructor, Central Piedmont College (03) 08, 05.
b. 1927, Illinois; U.
BS 1950, MA 1952 Bradley Univ.
Fields: 016, 018, 063, 141.
Prev Emp: Mkt Anal, Chicago Board of Trade, Chicago 1960-70; Asst Prof Econ, Rider College, Trenton NJ 1955-60; Instr, IA St Univ, 1953-55.
Lang: Sp 2-2-2, Ger 2-3-2.
Mbr: NEC, NEA
Hon: Who's Who in America.

ANANIKAS, Loukas J., Univ of Thessaloniki, Dept of Agr Econ, Thessaloniki,Greece.
Instr, Univ of Thessaloniki (03) 08, 07, 09.
b. 1939 Greece; Citz: Greece; M-2.
BS 1963, Certificate in Econ 1970 Univ of Thessaloniki; MA 1973, PhD 1975 MI St Univ.
Fields: 011, 012, 155, 017.
Prev Emp: Res Fellow, MI St Univ, E. Lansing 1970-75.
Pub: A Profile of the Greek Economy and the Livestock Industry, Hellenic Agr Review, 1975.
Lang: Greek; Eng 1-1-1.
Mbr: Greek Agr Association.
Hon: Sigma Chi; Sci Res Soc of N. Am.

ANDAL, Melvin E., PO Box 6309, Postal Station J, Ottawa, Ontario,Canada PH 613-996-7931.
Econ Adv., Farm Credit Corporation, (26) 07, 19, 18.
b. 1921 Canada; Citz: Canada; M-3.
BSA 1944, MS 1947 Saskatchewan; PhD 1954 MI St Univ.
Fields: 013, 011, 017, 073.
Prev Emp: Dir, Farm Econ, Agr Canada, Ottawa, 1968.
Lang: Fr 2-3-3.
Mbr: CAES, Pres. 1959, IAAE (Canadian Council) Chrmn 1961-64, AIC.

ANDERSEN, Richard S., 11th Floor, 9718-107 Street, Edmonton, Alberta, Canada T5K2C8; PH 403-427-2417.
Mbr Policy & Liason Secr, Alberta Dept of Agr. (40) 18, 15, 07.
b. 1947 Canada; Citz: Canada; M-2.
BS 1969, MS 1971 Univ of Alberta; PhD 1975 OH St Univ.
Fields: 112, 101, 017, 014.
Prev Emp: Mkt Econ, Alberta Dept of Agr, Edmonton, July-Oct 1975; Grad Res Assoc, OH St Univ, 1972-75; Reg Econ, Alberta Dept of Agr, Edmonton 1970-72.
Pub: The North American Market for Beef, OH St Univ 1975; Economic Analysis of the Price & Supply Fluctuations, Edmonton, 1971.
Lang: Fr 2-2-3.
Mbr: CAEA, AIA, AIC.
Hon: Canada Council Doctoral Fellow.

ANDERSEN, Stephen O., 530 Bush Street, San Francisco CA 94108; PH 415-981-8634.
Resources Econ, Sierra Club Res (70) 07, 15, 09.
b. 1948 Utah; M-0.
BS 1970, MS 1972, PhD 1974 Univ of CA-Berkeley.
Fields: 026, 035, 017.
Prev Emp: Econ, Env Law Inst, Washington DC 1975-76; Instr, Coll of the Atlantic, Bar Harb ME, 1976; Post Grad Agr Econ, Giannini Found, Berkeley CA 1972-74.
Pub: Economics of Nuclear Power Plant Location, Dissertation UC-Berkeley 1974; The Benefits and Cost to Landowners From Goethermal Lease & Development, CA Dept of Agr 1976.

ANDERSON, Allan R., PO Box 397, Elsa TX 78543; PH 512-262-1391.
Vice President, Elsa State Bank & Trust Company (51) 05, 21, 15.
b. 1950 Texas; U.
BS 1972, MS 1974 Texas A&M Univ.
Fields: 013, 011, 091.
Pub: Sugarcane Production in the Rio Grande Valley of Texas, TX A&M Univ, 1974.
Mbr: TX Bankers Assoc, TX Plant Food Inst, SAE.

ANDERSON, Bruce L., Dept of Agr Econ, Univ of CA, Berkeley CA 94704; PH 415-642-2619.
Res. Asst, Univ of CA-Berkeley, (03) 23.
b. 1946 New York; M-0.
BS 1968 Cornell Univ; MS 1972 Purdue Univ.
Fields: 017, 014, 067.
Prev Emp: Res, Agr Coll of Sweden, 1971-74.

Pub: Food Product Innovation, MS Dissertation, Purdue Univ 1972; Productivity Developments in Swedish Agriculture, Sweden, 1974.
Lang: Swe 1-1-1.

ANDERSON, Carl G. Jr., Res Dept, Federal Reserve Bank, 400 South Akard Street, Dallas TX 75222; PH 214-651-6372.
Sr Econ, Federal Reserve Bank (33) 07.
b. 1931 Texas; M-1.
BS 1958 TX A&M Univ; MS 1960 LA St Univ; PhD 1969 TX A&M Univ.
Fields: 013, 016, 017, 018.
Prev Emp: Asst Prof, TX A&M Univ 1960-66; Res Asst, LA St Univ 1958-60.
Pub: Cost Economies and Resource Requirements-Blackland Area of Texas, TX A&M Univ, 1969; Food Prices, Federal Res Bank of Dallas, 1973.
Mbr: ASFMRA, SAEA.
Hon: Alpha Zeta, Who's Who in Am, Am Men & Women of Science.

ANDERSON, Dale G., Dept of Agr Econ, Univ of NE, Lincoln NE 68583; PH 402-472-3401.
Assoc Prof, Univ of Nebraska (03) 07, 08.
b. 1935 Nebraska; M-1.
BS 1961, MS 1963, PhD 1966 Univ of NE.
Fields: 014, 019, 101, 104.
Prev Emp: Asst Prof, Univ of NE, 1967-71; Capt, Civil Affairs, U.S. Army 1965-67; Grad Asst, Univ of NE 1961-65.
Pub: Economic Efficiency of Meat & Livestock Trucking Firms, Transportation Res Forum, 1974; Cost Implications of Diversified Outlets for Farm Inputs, J. of NE Econ & Business 1974; Railroad Rate Discrimination: Applications to Great Plains Agriculture, KS St Agr Ext Sta, 1973.
Lang: Sp 2-0-0, Fr 3-0-0.
Mbr: AEA, CAES, WAEA.
Hon: Alpha Zeta, Gamma Sigma Delta, Omicron Delta Epsilon.

ANDERSON, Donald E., Dept of Agr Econ, ND St Univ, Fargo ND 58102; PH 701-237-7441.
Professor, ND St Univ, (03) 07, 08.
b. 1931, North Dakota; M-5.
BS 1953, MS 1957, ND St Univ; PhD 1968 Univ of MN.
Fields: 014, 017, 073.
Prev Emp: Assoc Prof, ND St Univ, 1968-1972, Consultant, USAID
Pub: Feasibility of Pasta Processing, ND Agr Exp Sta, 1974; Study Plan for Regional Stabilization in Africa, KS St Univ 1970; The U.S. Sugar Act, ND St Univ 1975.
Lang: Fr 3-0-3.
Mbr: WAEA, WWFM.
Hon: Gamma Sigma Delta, Who's Who in Am, Dict of Intl Bibliography, Am Men & Women of Science.

ANDERSON, Frank M., ABRI, Univ of New England, Armidale NSW, Australia 2351, PH 067-72-2291.
Dr., Univ of New England (03) 20, 07, 09.
b. 1946 Australia; Citz: Australia; M-1.
BAE 1968 Univ of New England; PhD 1972 Oregon State Univ.
Fields: 011, 012, 084, 026.
Prev Emp: Post Doctoral Fellow, Univ of Nottingham, England 1972-73.
Pub: Computer Simulation of BioManagement System , PhD Thesis OR St Univ, 1972.
Mbr: AAES.
Hon: Fulbright-Hayes Postgrad Grant.

ANDERSON, Jock Robert, Dept of Agr Econ & Bus Mgmt, Univ of New England, Armidale NSW Australia 2351; PH 067-72-2911.
Assoc Prof, Univ of New England, (03) 08, 07, 21
b. 1941 Australia; Citz: Australia; M-2.
BS 1963, MS 1965, Univ of Ald; PhD 1970 Univ of New England.
Fields: 011, 092, 084, 081.
Prev EmpL Lectr in Econ Stat, 1970, Res Fellow Farm Mgmt 1966-69, Univ of New England, Armidale.
Pub: Systems Analysis in Agriculture Management, Wiley Sydney, Mexico, 1971-74; Animal Nutrition, Williams, Adelaide, 1971; Decision Analysis in Agricultural Management, IA St Univ 1976.
Lang: Sp 1-3-2, Por 2-3-3.
Mbr: AAES, CAEA, IAAE.

ANDERSON, Kym, Food Res Inst, Stanford Univ, Stanford CA 94305; PH 415-497-3941.
Graduate Student, Food Res Institute (77) 23
b. 1950 Australia; Citz: Australia; M-0.
BAE 1971 Univ of New England, NSW, Australia; ME 1975 Univ of Adelaide, SA Australia; MA 1975 Univ of Chicago.
Fields: 010, 112, 081, 076.
Prev Emp: Agr Econ (Mktg) So. Aust Dept of Agr, Adelaide, Australia 1971-75.
Pub: Distributed Lags & Barley Acreage Supply Analysis, Journal Australia Agr Econ, 1974.
Mbr: AEA, Econometrics Soc, AAES.

ANDERSON, Marvin Sydney, PO Box 360, Willingdon, Alberta, Canada TOB 4RO; PH 403-367-2560.
Agro-Econ Cons, Self Employed (75) 15, 22, 21.
b. 1943 Canada; Citz: Canada; U.
BSA 1965 Univ of Guelph; MS 1968 Purdue Univ; PhD 1972 Cornell Univ.
Fields: 010, 070, 110, 020.
Prev Emp: Gen Econ, Alberta Dept of Agr, Indonesia 1975-76; Res Dir, F.F. Slancy & Co, Honduras 1974-75; Asst Prof. Univ of Alberta/AERCC, Canada 1972-73.

Lang: Sp 2-2-2, Por 3-0-3.
Mbr: CCAA, AEA, CIPA

ANDERSON, Raymond L., Dept of Econ, CO St Univ, Fort Collins CO 80521; PH 303-484-3093.
Agr Econ, USDA (16) 07, 08.
b. 1927 Wisconsin; M-3.
BS 1951, MS 1954, Univ of MN; PhD 1959 Univ of WI.
Fields: 020, 021, 039, 152.
Prev Emp: Res Assoc, Harvard Univ, Cambridge MA 1965-66; Agr Econ, USDA & Univ of WI, Madison 1957-59; Agr Econ, USDA, MT St Univ, Bozeman 1955-57.
Pub: Simulation of Irrigation Systems, TB 1431 ERS-USDA 1974; Effects of Stream Flow Variation Production, Water Res Vol. 1, 1975; Urbanization of Rural Lands-Colorado, CO St Univ, 1974.
Lang: Fr 3-3-0, Sp 3-3-0.
Mbr: WAEA, AAAS, USICID.
Hon: Who's Who in America.

ANDERSON, Robert F., Georgia Experiment Station, Experiment GA 30212; PH 404-228-7232.
Asst Econ, Georgia Experiment Station (03) 07.
b. 1918 South Carolina; M-2.
BS 1939 Clemson Univ; MS 1954 Univ of KY.
Fields: 014
Mbr: SAEA.

ANDERSON, Robert N., Dept of Agr & Res Econ, Univ of HI, Honolulu HI 96822; PH 808-948-8125.
Assoc. Prof, Univ of HI (03) 07, 08, 02.
b. 1944 Colorado; M-2.
BA 1965, MA 1966 Adams St College; PhD 1969 Colorado St Univ.
Fields: 031, 026, 043, 073.
Pub: Kohala Community Development Plan, Co of HI Planning Dept, 1976; Kadai Socioeconomic Profile, HI Agr Exp Sta, 1975; Awareness and Acceptability of the Field Programs of the College of Tropical Agriculture, HI Agr Exp Sta, 1975.
Lang: Sp 2-3-3.
Mbr: WAEA, WRSA.

ANDERSON, Robert W., Econ Branch, Agr Canada, Sir John Carling Bldg, Ottawa, Ontario Canada K1A 0C5; PH 613-994-5571.
Head of Hort& Spec Crops, Agr. Canada (36) 11, 09, 07.
b. 1941 Canada; Citz: Canada; M-2.
Diploma 1963, BS 1967, Guelph; MA 1971, PhD 1972 MI St Univ.
Fields: 018, 015, 014, 016.
Pub: The Tender Fruits Industry in Canada, CFE, 1973; Ontario Grain Corn Marketing, CFE, 1974; The Economics of Waste Heat Utilization for Controlled Env. Production of Agr Products, CFE, 1975.
Lang: Fr 2-2-3.
Mbr: CAES, OIA-AIC.

ANDERSON, Ronald A., Morrill Hall, ND St Univ, Fargo ND 58102; PH 705-237-7393.
Ext Res Econ, ND St Univ (17) 09.
b. 1931 Minnesota; M-3.
1949-50, 1955-56 CA St Polytechnic Univ; BS 1958, MS 1960 ND St Univ; PhD 1974 WA St Univ.
Fields: 031, 038, 032.
Prev Emp: Farm Mgmt Econ 1965-73; Assoc Farm Mgmt Econ 1963-65 ND St Univ.
Pub: Farmers Attitudes Toward Government Wheat Programs, WA St Univ 1974.
MBr: WAEA, Comm. Devl. Soc., Am Cntry Life Assoc.
Hon: Alpha Zeta.

ANDERSON, Ross B., 1415 Olive Street, St Louis MO 63166; PH 314-342-3271.
Business Anal, St Louis Bank for Cooperatives (52) 17, 10, 13.
b. 1949 Illinois; M-1.
BS 1971, MS 1973 Univ of IL.
Fields: 016, 094.
Hon: Graduated Bronze Tablet.

ANDERSON, Walter C., T-10210 Fed Bldg, Loyola Avenue, New Orleans LA 70113; PH 504-589-6651.
Principal Econ, So. Forest Experiment Station (23) 07.
b. 1923 Pennsylvania; M-3.
BS 1948, MS 1950, PhD 1966 Penn St Univ.
Fields: 023.
Prev Emp: Econ, So Forest Exp Sta, New Orleans LA 1966-67; Econ, SE Forest Exp Sta, Asheville NC 1959-66; Res Forester, SE Forest Exp Sta, Asheville NC 1953-59.
Pub: Timber Stand Improvement, Jour of Forestry 1975; The Pine-Site Hardwood Problem, Forest Products Journal 1974; The Third Forest-What's It Worth, LSU Symposium Proceeding, 1973.
Lang: Ger 3-0-0.
Mbr: SAFG Chairman; FPRS, Chairman Elect Tech Comm; AEA.
Hon: Am Men & Women of Science; Who's Who in South & Southwest.

ANDERSSON, Bo L., 201 Intl Center, MI St Univ, East Lansing MI 48824; PH 517-353-6446.
Graduate Res Asst, MI State Univ (03) 23 07.
b. 1945 Sweden; Citz: Sweden; M-2.
MA 1972 The Swedish College of Agr.
Fields: 077, 010, 080.
Prev Emp: Res Asst, the Swedish College of Agr, Uppsala Sweden 1971-73; Teaching Asst, the Swedish College of Agr, 1970-71.
Pub: Growth Problems at a Group of Expanding Farms. A Study of Growth Sacrifices, Dept of Econ & Stat, 1972;

Pub con't: A Method for Planning of the Realization of Farm Firm Growth, Report No. 72 Dept of Econ & Stat, Swedish Coll of Agr, 1975; Investment Evaluation in View of Taxes, Inflation and Financing: Principles and an EDP-Approach, Report #73 Dept of Econ & Stat, The Swedish Coll of Agr, 1975.
Mbr: IAAE, IAAS, Nordic Agr Res Assoc.

ANDREW, Chris O., 1125 McCarty Hall, Univ of Florida, Gainesville FL; PH 904-392-1860.
Assoc Prof, Food & Resource Econ Dept (03) 07, 08, 22.
b. 1941 Colorado; M-5.
BS 1964 CO St Univ; MS 1966, PhD 1969 MI St Univ.
Fields: 014, 112, 073, 017.
Prev Emp: Asst Prof, Univ of NE-NE Mission to Colombia, 1969-71; Instr, Univ of NE - NE Mission to Colombia 1967-69.
Pub: Planning & Conducting.. Applied Research (English & Spanish), MSS Corporation, New York 1976; Efforts of Trade Policies on Competition, B t Florida & Mexico in the U.S. Winter Cucumber Market, SJAE 1975; Florida Shrimp: From the Sea Through the Market, Florida Sea Grant, 1975.
Lang: Sp 1-2-1.
Mbr: IAEA, SAEA, Colombian AEA.
Hon: 1973 Am Men & Women of Science, 1976 Dict of Intl Biography.

ANDREWS, Donald R., PO Box 10114, Southern Univ, Baton Rouge LA 70813; PH 504-771-2316.
Instructor, Southern Univ, (03) 08, 07.
b. 1949 Louisiana; M-0.
BA, BS 1971 Southern Univ; MSA 1974 Univ of FL.
Fields: 021, 011, 060.
Pub: An Estimation of Residential Demand for Water in Metropolitan Miami, Florida SJAE 1975.
Mbr: SAEA.

ANDREWS, Richard A., James Hall Iner, Univ of New Hampshire, Durham NH 03824; PH 603-862-1700.
Prof, Univ of NH, (03) 07, 08
b. 1925 Maine; M-1.
BS 1949 Univ of ME; MS 1951 Penn St Univ; PhD 1959 Univ of MN.
Fields: 021, 014, 011.
Mbr: Am Water Resource, NE Agr Econ Council.
Hon: Who's Who in America.

ANGUS, Robert C., Dept of Agr Econ, Univ of AZ, Tucson AZ 85721; PH 602-884-1234.
Prof, Univ of AZ (03) 07, 08.
b. 1927 New York, M-0.
BS 1950 Cornell Univ; MS 1954, PhD 1960 Penn St Univ.
Fields: 014, 081.
Pub: Applying Theory of Signal Detection in Marketing, AJAE 1974; An Evaluation of Inundative Pest Control, Proceedings WAEA 1974.
Mbr: WAEA.

ANKOMA, Samuel K., PO Box 4380, Kumasi, Ghana, Africa.
General Manager, Cotton Prod. Company (51) 20, 08, 21.
b. 1935 Ghana; Citz: Ghana; M-3.
BS 1961 Univ of Ghana; MS 1973 Univ of London.
Fields: 073, 012, 013, 014.
Prev Emp: Deputy Exec Dir, Grains Devl Board, Kumasi Ghana, 1974-76; Principal Agr Officer, Ministry of Agr, Accra, Ghana, 1961-74.
Lang: Akan; Other: Eng 1-1-1.
Mbr: AES-UK.

ANSCHEL, Kurt R., Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506; PH 606-257-3616.
Professor, Univ of KY (03) 07, 08, 02, 03.
b. 1936 Spain; Citz: USA; M-2.
AB 1958 Oberlin College; BS 1959, MS 1961, PhD 1965 MI St Univ.
Fields: 047, 041, 073.
Prev Emp: Agr Econ, AID, Washington DC 1974 to present (part-time); Assoc Prof, Univ of KY 1969-74; Asst Prof, Univ of KY, 1965-69.
Pub: Agricultural Markets & Cooperatives in Developing Countries, Praeger Newpor 1969; Migration & Return Migration, SJAE, 1974; Estimating Educational Production Functions, AJAE, 1973.
Lang: Sp 3-0-0, Ger 0-0-3.
Mbr: AEA, IAAE, SID, Book Review Editor 1971-73.
Hon: American Men & Women of Science.

ANTHOLT, Charles H., Dept of State, Washington DC 20520; PH 703-235-8860.
Agr Econ FSR-5, AID (24) 22, 18, 19.
b. 1942 Wisconsin, M-1.
BS 1964 Univ of WI; MS 1972 Cornell Univ.
Fields: 073, 118, 117, 020
Prev Emp: Volunteer, Peace Corp, Pakistan 1964-66.
Pub: Implications of Technological Change for Increasing Agricultural Production in the Rapti Valley, Nepal 1972-1981, MS Thesis, Cornell Univ 1972.
Lang: Nepal 0-0-1, Punjabi 0-0-2.
Mbr: SID

ANTROBUS, Geoffrey G., Dept of Econ, Rhodes Univ, Grahamstown 6140 S. Africa; PH 0461-2023.
Lecturer, Rhodes Univ (03) 07, 09, 08.
b. 1944, Africa; Citz: Africa; M-1.
BS 1968, MS 1970 Natal Univ, S. Africa.
Fields: 016, 012, 011, 062.
Prev Emp: Reg Econ, Dept of Agr Econ & Mkt, Queenstown, S. Africa 1970-72.
Lang: Afrikaans 1-2-1.
Mbr: Econ Soc of SA/ Sec. Tres. Eastern Prov 1975, AESSA, IAAE.

APEDAILE, Leonard D., Dept of Rural Econ, Univ of Alberta, Edmonton, Canada T6G2H1; PH 403-432-4580.
Assoc Prof, Univ of Alberta (03) 08, 07, 21.
b. 1939, Canada; Citz: Canada; M-4.
BS 1960 McGill Univ; PhD 1968 IA St Univ.
Fields: 017, 073, 077, 081.
Pub: Regional Agr Development Planning, IA St Univ 1968; Cirriculum for Self Reliance, Science Educ in Zambia, 1973; Critique of Rural Hot House Industry, Collier MacMillan 1972.
Lang: Fr 1-1-1.
Mbr: CAES, Councillor 1975, WRSA, IAAE.

APLAND, Jeffrey Dean, Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47906.
Graduate Student, Purdue Univ., 23.
b. 1953 Illinois; U.
BS 1975 IL St Univ.
Fields: 020.

APP, James L., 1038 McCarty Hall, Univ of Florida, Gainesville FL 32611; PH 904-392-1763.
Asst Dean Agr Prog, Florida Coop Ext, Univ of FL (03) 02, 09.
b. 1936 USA; M-4.
BS 1957 Univ of MN; MS 1960, PhD 1961 Univ of WI.
Fields: 012, 047.
Prev Emp: Dist Agt, Univ of FL, Gainesville, 1974-75; Asst Dean, Univ of MN, St Paul 1972-73; Asst to Dean, Univ of MN, St Paul, 1963-72.
Pub: Vegetables Enterprise Selection-Central Wisconsin, Univ of WI 1963; The Feed Grain Program in Minnesota, Univ of MN 1963.
Lang: Sp 3-0-0, Fr 3-0-0.
Hon: Who's Who in America; American Men & Women of Science.

ARAJI, Ahmed A., Dept of Agr Econ, Univ of Idaho, Moscow ID 83843; PH 208-885-6262.
Assoc Prof, Univ of Idaho (03) 07, 08.
b. 1939 Iraq, M-1.
BS 1962, MS 1964 Univ of NE; PhD 1968 Univ of MO
Fields: 011, 014, 015, 016.
Pub: Optimum Size & Location of Grain Elevators, CJAE 1969; Managerial Socio-Econ-Characteristics, AJAE 1971; The Effect of Vertical Integration on Prod Effect, AJAE 1976.
Lang: Arabic; Other: Eng 1-1-1.
WAEA, IAAE, CAST
Hon: Am Men & Women of Science, Metzger Award, Gamma Sigma Delta, Omicron Delta Epsilon.

ARANT, Willard D., Star Route 3 Box 13, Kimberling City MO 65686; PH 417-739-2382.
Retired, Corp Econ, Swift & Company (76)
b. 1911 Oregon; M-1.
BA 1933 Univ of OR; MA 1940 Harvard Univ.
Fields: 133, 102, 015, 121.
Prev Emp: Corp Econ, Swift & Co, Chicago 1942-74; Res Dir, Natl Econ League NY, 1940-41; Editor, Grants Pass Bulletin, Oregon 1933-37.
Pub: Competition of the Few Among the Many, QJE Aug 1956; Wartime Meat Policies, JFE Nov 1946; Taxing Excess Profits, Natl Econ League, New York, 1940.
Lang: Fr 3-0-0.
Mbr: AEA, NABE, ASA, IRRA.
Hon: American Men & Women of Science, Phi Beta Kappa, Univ Fellowship, Harvard Univ.

ARCHER, Thomas F., Dept of Agr Econ, Univ of Arizona, Tucson AZ 85721; PH 602-884-1234.
Res Assoc, Univ of Arizona (03) 07.
b. 1940 New Mexico; M-2.
BS 1962, MS 1969 Univ of AZ.
Fields: 014, 152, 051.
Prev Emp: Self-Employed, Fertilizer-Pesticide Sales, NM 1969-71; Self-Employed, Farming, NM 1963-66.
Pub: Consumer Attitudes, Knowledge & Buying Habits Relative to Beef, Tucson 1976; The Livestock-Feed Balance for Arizona, Tucson 1974.
Mbr: WAEA.

ARCUS, Peter L., Arcus Consulting Services, 804 - 2181 W 38th Avenue, Vancouver BC Canada V6M1R8; PH 604-261-2702.
Economist, Self-Employed (75) 07, 15, 18.
b. 1939 New Zealand; Citz: New Zealand, M-0.
BS 1961, MS 1964 Massey Univ, NZ; PhD 1968 IA St Univ.
Fields: 010, 017, 014, 015.
Prev Emp: Asst Prof, Univ of BC, Vancouver 1968-74; Res Assoc, IA St Univ, 1966-68; Res Asst, IA St Univ 1963-65.
Pub: The Cost of Food, Canada, 1973; Consumer Interest in Marketing Boards, Canada, 1974; Interprovincial Egg Marketing in Canada, 1974.

Lang: Fr 3-0-0.
Mbr: IAAE, CAES, AIC.
Hon: Fulbright Scholar to USA 1963-68; Phi Kappa Phi, Gamma Sigma Delta.

ARIZA-NINO, Edgar J., Dept Admon Empresas Agr Itesm Suc Correos "J", Monterrey NL Mexico; PH 58-2000.
Visiting Prof, Institut Technologico (03) 08, 07.
b. 1943 Colombia, Citz: Colombia; M-1.
1961-63, Esc Agr Panamericana; BS 1964, MS 1966 Univ of AZ; Diploma 1967 Univ of Cambridge; PhD 1974 Univ of WI.
Fields: 011, 014, 084, 073.
Prev Emp: Export Coordinator, Am Breeders Serv, Deforest WI, 1970-72; Res Asst, Dept of Agr Econ, Univ of WI 1967-69; Mkt Consultant, Latin Am Agr Mktg Inst, Bogota Colombia, 1969.
Pub: Economic Aspects of the Northwest Mexico Vegetable Export Industry, MS Thesis, Univ of AZ 1966; Beef Cattle Production: A Microeconomic Simulation Model with References to Tropical Conditions, PhD Dissertation, Univ of WI 1974.
Lang: Spanish; Other: Eng 1-1-1, Fr 1-2-3, Por 1-2-3.
Mbr: RES-UK, Econometric Soc, VITA.

ARMBRUSTER, Walter J., 3079 South Bldg, USDA, Washington DC 20250; PH 202-447-7191.
Staff Econ, Agr Market Service - USDA (21) 18, 19.
b. 1940 Indiana; U.
BS 1962, MS 1964 Purdue Univ; PhD 1970 OR St Univ.
Fields: 014, 016, 017, 081.
Prev Emp: Agr Econ, USDA-ERS, Oregon and Washington DC 1968-75; Food Tech Econ, OR St Univ, Coop Ext Serv, Corvallis OR 1967.
Pub: Price Impact of Federal Market Order Programs, Rep of Interagency Task Force USDA 1975; Simulation of Farm Bargaining Board Policies in the Western Late Potato System, OR St Tech Bull 119, 1972.
Lang: Fr 2-0-0.
Mbr: WAEA, IAAE.

ARMSTRONG, David L., 121 Agr Hall, MI State Univ, E Lansing MI 48824; PH 517-349-0234.
Asst Dean-Professor, MI St Univ (03) 02.
b. 1935 Ohio; M-3.
BS 1957, MS 1958, PhD 1960 OH St Univ.
Fields: 012, 011.
Prev Emp: Assoc Prof, MI St Univ 1968-70; Visiting Assoc Prof, MI St Univ 1968; Assoc Prof, Southern IL 1968.
Pub: Meeting a Challenge, Agr Educ Mag, 1974; Simulation & Other Decision Models The Complicated Simplifiers, 1973; Sugar Relations Turn Sour, 1960.

ARMSTRONG, Jack H., 500 12th Street SW, Washington DC 20250; PH 202-447-8936.
Asst Administrator, Farmer Coop Serv, USDA (19) 01, 06, 07.
b. 1931 Indiana, M-4.
BS 1953, MS 1960, PhD 1962 Purdue Univ.
Fields: 014, 015, 017, 013.

ARNOLD, Adlai F., 929 Skyline Drive, Van Buren AR 72956; PH 501-474-0587.
Agr Econ, Self Employed (75) 22, 26.
b. 1914 Arkansas; M-0.
Assoc Sci 1948 AR Polytechnical Coll; BSA 1950, MSA 1951 Univ of AR; PhD 1962 OK St Univ.
Fields: 022, 017, 033, 012.
Prev Emp: Team Leader/PASA, USDA-USAID, Monrovia, Liberia 1970-75; Team Leader/PASA USDA-USAID, Asuncion, Paraguay 1965-70; Assoc Prof, Univ of AR 1956-65.
Pub: Foundations of an Agr Pol in Paraguay, Praeger New York 1971; Econ. Study of Land Use Adjustment Potential of Areas Adjacent to Ozark Natl Forest, Univ of AR, 1963; Potential Increases in Farm Income, OK Agr Exp Sta, 1962.
Mbr: Rotary Intl, President 1956.
Hon: Alpha Zeta, Gamma Sigma Delta, Phi Sigma.

ARNOLD, Lester L., Riverview Square Louisville, Kentucky 40201; PH 502-587-9621.
Vice President, FICB of Louisville (52) 05, 20
b. 1916 Ohio; M-2.
BS 1938 OH St Univ, MS 1953 Univ of WI, PhD 1955 Purdue Univ.
Fields: 013, 012.
Prev Emp: Asst Dir, Farm Credit Adm, Washington DC 1961-70; Ext. Econ OH St Univ, 1957-61; Ext Econ, Purdue Univ, 1955-57.

ARTHUR, Henry B., Harvard Business School Boston MA 02163; PH 617-4956.
Professor, Harvard Univ (03) 07, 10.
b. 1904 USA; M-2.
AB 1926 Union College; MA 1931, PhD 1935 Harvard Univ; LLD 1952, Union College.
Fields: 014, 015, 017, 071.
Prev Emp: Econ, Swift & Company, Chicago 1936-60.
Pub: Commodity Features as a Business Management Tool, Harvard Univ Press, 1971; Tropical Agribusiness-Bananas Harvard Univ Press 1968; Dynamics of Adjustment in the Broiler Industry, Harvard Univ Press, 1964.
Mbr: AEA, AASA.
Hon: Phi Beta Kappa, Who's Who in Am, Intl Who's Who, Sigma Chi.

ASANTE, Edward O., GIMPA, Greenhill, PO Box 50, Achimota, Accra, Ghana; PH 77625.
Lecturer, Ghana Inst of Mgmt & Pub Admin (03) 08, 07, 09.
b. 1947 Ghana; Citz: Ghana; M-0.
BS 1972 Univ of Sci & Tech Kumasi, Ghana; MS 1974 Univ of Alberta Canada; 1974-75 Univ of Alberta.
Fields: 011, 013, 046, 137.
Pub: Effect of Credit on Rice Production in the Tamale District of Ghana, Univ of Tech, Ghana, 1972; The Incidence of Property Taxation in Alberta, Univ of Alberta, 1974.
Lang: Akan; Other: Eng 1-1-1, Fr 2-3-3.
Mbr: AAASA, IAAE.

ASANTE-KWATIA, David C., Dept of Agr Econ & Farm Mgmt, Faculty of Agr, Kumasi, Ghana, West Africa.
Lecturer, Univ of Sci & Tech, Kumasi, Ghana (03) 08, 07, 09.
b. 1936, Ghana; Citz: Ghana; M-1.
Diploma in Trop Agr 1961 Univ of Sci & Tech, Kumasi; BS 1967 UST Kumasi, Ghana; Post Grad Dip 1969 UNE Armidale NSW.
Fields: 021, 033, 073, 112, 026.
Prev Emp: Sr Tech Officer, Upper Reg, Govt of Ghana, Ministry of Agr, Bolgatanga, Ghana, 1962-65.
Lang: Twi; Other: Eng 1-1-1, Fr 3-3-3.
Mbr: AAASA.

ASPELIN, Arnold L., 401 M Street SW, Washington DC 20460; PH 703-557-7327
Chief-Econ Anal, U.S. Env Prot Agency, Office of Pesticides (31) 07, 18, 22.
b. 1937 Minnesota; M-2.
BS 1958, MS 1960 SD St Univ; PhD 1964 Univ of NE.
Fields: 026, 101, 102, 014.
Prev Emp: Dep Dir, Pkrs & Stkyd Adm, USDA, Washington DC 1964-72; Instr, Dept of Agr Econ, Univ of NE 1960-64; Grad Asst, Dept of Agr Econ, SD St Univ, 1958-60.
Pub: Economics of Alfalfa Seed Production, SD St Univ 1960; Canning Industry Feasibility Study, Univ of NE 1964; Antitrust Problems in Livestock/Poultry, USDA, 1970.
Lang: Sp 2-0-0, Fr 2-0-0.
Mbr: WAEA, SAEA, Govt Reg Econ.
Hon: Am Men & Women of Science, Gamma Sigma Delta.

ATHANASSATOS, Demetrios G., Agr College of Athens, Dept of Agr Econ, 75 Iera Odos, Athens 301 Greece.
Professor, Ministry of Education (03) 08, 07.
b. 1916 Greece; Citz: Greece, M-1.
Fields: 011, 012, 017, 014.
Prev Emp: Dir Gen of Agr, Mins of Agr, Athens 1964-67; President, Greek Cotton Board, Athens 1964-65; Deputy Govt, Agr Bank of Greece, Athens 1969-70.
Pub: Farm Business Organization-The Linear Programming Method, Athens, Greece 1957; An Economic Investigation of the Poultry Industry in Attica-Athens, Greece 1959; An Economic Analysis of Apricot Industry in California, Athens, Greece 1963.
Lang: Greek; Other: Eng 1-2-1, Fr 1-2-1.
Mbr: GES, IAAE.

ATHMER, Jan H., Dept of Agr, The Hague The Netherlands; PH 070-7923-97.
Department of Agriculture.
b. 1918, The Netherlands; Citz: Netherlands; M-5.
MS 1950 Wageningen Agr Univ.
Fields: 118, 073, 013, 012.
Prev Emp: Agr Attache, Dept of Agr, The Hague, Copenhagen, Denmark 1965-70.
Pub: HET Drostambt Eletn, Assen, The Netherlands, 1950.
Lang: Dutch; Other: Eng 1-1-1, Fr 1-1-1.
Mbr: CAES, La Societe Francaise d' Economie Rural.

ATKINSON, Julian H., Dept of Agr Econ, Purdue Univ, W Lafayette IN 47907; PH 317-493-9142.
Professor, Purdue University (03) 09, 08, 07.
b. 1924 Georgia; M-3.
BS 1948 Univ of GA; MS 1952, PhD 1954 Purdue Univ.
Fields: 012, 013, 073.
Prev Emp: Chf of Party, Purdue Brazil Proj, Vicosa, Brazil, 1969-71; Econ, Bd of Gov Fed Res Sys, Wash, DC, 1962.
Pub: Land Prices-How Much Higher, Ind. Soc of Farm Mgr & Rural Appraisers, 1974; Cash and Flexible Cash Rents, Purdue Univ EC-438, 1974; Characteristicas Economicas da Agricultura na Regiao de Vicosa Ideias Para seu Desenvolvimento, Univ Fed de Vicosa, 1971.
Lang: Por 2-2-1, Sp 3-0-3.
Mbr: ASFM.
Hon: Sigma X, American Men & Women of Science.

ATKINSON, L. Jay, ERS-USDA, Washington DC 20250; PH 202-447-8289.
Sr Econ, USDA-ERS, For Dem & Con Div (16) 07.
b. 1913, Arkansas; M-1.
BS 1934 Univ of AR, MS 1936 TX A&M Univ, PhD 1944 IA St Univ.

Fields: 073, 075, 116, 118
Prev Emp: Econ, US Dept of Commerce, Washington DC 1945-66; Asst Prof, Univ of CT, Storrs, 1938-42; Econ, USDA/BAE, Washington DC 1942-45.
Pub: Hi Yielding Varieties of Rice Philippines, USDA, 1976; Agricultural Productivity in Colombia, USDA, 1971.
Lang: Sp 1-0-2.
Mbr: AEA, SID
Hon: Beta Gamma Sigma.

AULAQI, Nasser A., Dept of Agr & Applied Econ, Univ of MN, St Paul MN 55108; PH 612-373-1093.
Res. Associate, Univ of MN (03) 07.
b. 1946 South Yemen; Citz: South Yemen; M-2.
BS 1969, MS 1971 NM St Univ; PhD 1974 Univ of NE.
Fields: 014, 151, 017.
Prev Emp: Res Asst, Univ of NE, 1971-74; Teaching Asst, NM St Univ, 1969-71.
Pub: An Economic Information Program for the U.S. Beef & Pork Sectors, Univ of NE, 1975.
Lang: Arabic; Other: Eng 1-1-1.

AUNE, Henrik J., F-201 NFDC, TVA, Muscle Shoals AL 35660; PH 205-383-4631.
Agr Econ, TVA (35) 19, 11.
b. 1921 Minnesota; M-3.
BS 1947, MS 1953, PhD 1958 Univ of MN.
Fields: 012, 014.
Prev Emp: Asst Prof, So. IL Univ, 1958-62; Asst Supervisor, State Dept of Education, St Paul MN, 1953-54.
Pub: Effect of Herd Size on Dairy Chore Labor, Univ of MN, June 1959; Determining the Effect of Size of Herd & Equipment on Dairy Chore Labor, JFE, August 1959.
Mbr: ASFMRA.
Hon: Am Men & Women of Science, Alpha Zeta.

AUSLAM, David C. Jr., 455 Capitol Mall Suite 675, Sacramento CA 95608; PH 916-444-6540.
Economist, Devl & Res Corporation (51) 15, 20, 18.
b. 1946 Arkansas; M-2.
BS 1971 CA St Univ-Sacramento; MS 1973 Rutgers Univ.
Fields: 080, 050, 070, 020
Prev Emp: Post Grad Res Econ, Univ of CA-Davis, 1973-74.
Pub: Econometric Estimation of Social & Economic Factors that Affect Milk Prices, Northern New Jersey Counties, 1970, Rutgers Univ, 1974.
Lang: Fr 2-0-2, Sp 2-0-2.
Hon: Beta Gamma Sigma, Grad w/honors CA St Univ.

AUSTIN, James E. Anderson 22, Harvard Business School, Boston MA 02163; PH 617-495-6497.
Assoc. Professor, Harvard Business School, (03) 08, 07, 22.
b. 1942 Michigan; M-3.
AA 1962 Flint Jr College; BBA 1964 Univ of MI; MBA 1968, DBA 1972 Harvard Univ.
Fields: 091, 017.
Prev Emp: Asst Prof, INCAE, Nicaragua, 1970-72; Vice Pres, Inter-Link Corp, Boston, 1969-70.
Pub: Agribusiness in Latin America, Praeger, 1973; Marketing Adjustments to Production Modernization, INCAE. Nicaragua, 1972.
Lang: Sp 1-1-1.

AUSTIN, Lynn A., 324, 500 12th Street SW, Washington DC 20024; PH 202-447-2048.
Country Anal, U.S. Dept of Agriculture, (16) 07.
b. 1945 Kansas; M-1.
AA 1969 Bakersfield College; BS 1971 CA Poly Univ; MS 1974 NM St Univ.
Fields: 016, 018, 081, 011.
Prev Emp: Commodity Anal, FAS-USDA, Washington DC 1975; Res Asst/Instr, NM St Univ 1974-75; Res Asst, NM St Univ & Asuncion,Paraguay, 1972-74.
Pub: Economies of Size in Paraguayan Beef, NM St Univ Thesis 1974; Welfare Impact of Management Information, Proceedings WAEA 1974; Socio-Economic Impact of Coal Development, NM St Univ Exp Station, 1975.
Lang: Sp 1-1-1, Por 2-3-3.
Mbr: SGE.

AVERMAETE, Urbain J., Minderbroedersstraat 8, 3000 Leuven, Belgium; PH 016-223-301.
Advisor, Belgian Boerenbond.
b. 1947 Belgium; Citz: Belgium; M-2.
Engineer 1971 Loovain Univ; MA 1975, Cornell Univ.
Fields: 016, 017.
Prev Emp: Econ Adv. Belgian Boerenbond, Leuven, 1971-74.
Pub: Flower Sales Supermarket, Cornell Univ 1975.
Lang: Dutch; Other: Fr 1-1-1.

AVILA, Marcelino, Dept of Agr Economics, Univ of Missouri, Columbia MO 65201,
Res. Asst, Univ of MO-Columbia, (03) 23, 07, 18.
b. 1947 Belize; Citz: Belize; M-1.
BA 1968 John Carroll Univ; MS 1975 Univ of MO-Columbia.
Fields: 073, 031, 012, 077.
Prev Emp: Laspau Student, 1973-75; Lecturer, St. John's College, Belize City, 1969-73.
Lang: Spanish; Other: Eng 1-1-1.
Hon: Who's Who in America.

AYER, Harry W., Dept of Agr Econ, Univ of Arizona, Tucson AZ 85721; PH 602-884-3228.
Assoc. Professor, Univ of Arizona, (03) 07, 08.
b. 1942 South Dakota; M-3.
BS 1965 IA St Univ; MS 1968, PhD 1970 Purdue Univ.
Fields: 010, 070, 040, 030.
Prev Emp: Res Assoc, Ford Foundation, Purdue Univ, Sao Paulo Brazil 1968-70.
Pub: Social Rates of Return and Other Aspects of Agricultural Research: The Case of Cotton Research in Sao Paulo, Brazil, AJAE, 1972; The Border Industry Program and the Impacts of Expenditures by Mexican Border, Industry Employees on a U.S. Border Community, Annals of Reg. Science, 1974.
Lang: Por 2-3-2.
Mbr: AEA, IAEA, WAEA.
Hon: Am Men & Women of Science, Ford Foundation Fellow, Travel Fellow to Brazil 1973 sponsored by IAEA & AAEA.

AYOB, Ahmad M., Dept of Resource Econ, Univ Pertanian Malaysia, Serdang, Selangor, Malaysia.
Lecturer, Univ Pertanian Malaysia, (03) 08, 07, 02.
b. 1942 Malaysia; Citz: Malaysia; M-2.
BS 1967 Canterbury Univ, New Zealand; MSA 1971 Univ of FL.
Fields: 073, 035, 081.
Prev Emp: Mktg Econ, Fed Agr Mktg Authority, Malaysia, 1967-68.
Pub: U.S. Import Demand & Prices of Natural Rubber, Malayan Econ Review April 1973.
Lang: Malaysian; Other: Eng 1-1-1, Indonesian 1-1-1.
Mbr. Malaysian EA
Hon: Phi Kappa Phi.

AZAM, Khan M, FAO Reg Office for Near East PO Box 2223, Cairo, Egypt; PH 858-066.
Reg. Agr Econ, FAO-United Nations, (63) 15, 18, 22.
b. 1931 India; Citz: Pakistan; M-4.
BS 1951 Punjab Agr College, Pakistan; MS 1953 Punjab Univ, Pakistan; 1954-58 Trinity College, Oxford Univ; MS 1970, Univ of WI.
Fields: 020, 017, 073.
Prev Emp: Chf, Agr Plng Comm, Islambad, 1973-74; Dir. Agr Proj, Natl Bank of Pakistan, Karachi, 1972-73; Dir. Plng, W. Pakistan Agr Devl Corp, Lahore, 1966-72.
Pub: The Future of Green Revolution in West Pakistan: A Choice of Strategy, Intl Jour of Agr Affairs, Oxford, 1973; Planning & Economic Growth: A Book of Essays, Arafat Publications, 1968.
Lang: Urdu: Other: Arabic 3-3-3, Persian 3-3-3.
Mbr: IAAE, Co-Correspondent for Pakistan, Pakistan AEA, Vice President.

AZASU, Godwin N.K., PO Box 3726, Accra Ghana, W. Africa.
Asst. Manager, National Investment Bank (32) 17, 10, 22.
b. 1943, Ghana; Citz: Ghana; M-1.
BS 1968 Adisadel, UST; MS 1973 NM St Univ; Cert Devl Banking 1975 MDI, New Delhi.
Fields: 013, 011, 014, 071.
Prev Emp: Sr Agr Econ, Econ & Mktg Div, Min of Agr, Accra, Ghana 1973.
Pub: Profitability of Small Ceral Farms in Ghana with Implications for the Diffusion of Innovations, NM St Univ, 1973.
Lang: Ewe; Other: Eng 1-1-1, Fr 3-3-3.
Mbr: Santaclausians, UST Alumni, NM St Univ Alumni.

BAARDA, James R., Farmer Coop Serv., USDA, Rm 550 - 500 12th Street SW, Washington DC 20250; PH 202-447-4430.
Agr Econ, USDA, (19) 18, 07, 22.
b. 1942 Iowa; M-0.
BS 1963 IA St Univ; JD 1969 Univ of Denver; PhD 1974 Univ of FL.
Fields: 102, 017, 085.
Pub: An Economic Analysis of Alternative Revenue Generating Policies for State Financing, Univ of FL, 1974.
Mbr: ABA.
Hon: Martindak Hubbel.

BABB, Emerson M., Dept of Agr Econ, Purdue Univ, W. Lafayette IN; PH 317-494-5645.
Professor, Purdue University (03) 07, 08, 09.
b. 1930 Virginia; M-3.
BS 1951, MS 1955, VPI & St Univ; PhD 1957 Penn St Univ.
Fields: 014, 083, 092.
Prev Empl: Econ, Eastern Milk Prod, New York 1958-60; Asst Prof, Penn St Univ, 1957-58.
Lang: Sp 2-0-0.
Mbr: AEA, IAEA.

BABBAR, Mohan M., Vici Leon Pancaldo 6 2/6 Piazza Navigator, Rome, Italy.

BACHMAN, Kenneth L., 1776 Mass. Ave, Intl Food Pol. Res. Inst, Washington DC 20036; PH 301-831-1821.
Consultant, Intl Food Pol. Res Inst (75) 18
b. 1913 Oklahoma; M-1.
BS 1936 OK St Univ; MS 1938 Univ of IL; PhD 1951 Harvard Univ.
Fields: 110, 073, 011.
Prev Emp: Dir, FAO, Stat Div, Rome Italy 1973-75; Dir, FAO Econ Anal Div Rome, Italy 1967-73; Dir, USDA ERS FDT Div, Washington DC 1961-67.
Pub: Sizes of Farms in U.S., USDA Bulletin 1950; Economics of Farm Size, Agr Devl & Econ Growth, 1967; Changes in Scale in Commercial Farming, JFE & Contemporary Readings in Agr Economics, 1952 & 1955.
Lang: Fr 3-0-0, Sp 3-0-0.
Hon: Who's Who in America, American Men & Women of Science.

BACK, William B., ERS-USDA-NEAD, 500 12th Street SW, Washington DC 20250; PH 202-447-4190.
Agr Econ, USDA (16) 07, 19, 22.
b. 1920 Kentucky, M-0.
BS 1941 Berea College; MS 1947 Univ of KY; PhD 1952 IA St Univ.
Fields: 105, 017, 075.
Prev Emp: Sr Anal, Office of Plng & Eval, USDA 1971-75; Agr Econ, ERS USDA 1963-71; Prof, OK St Univ 1959-63.
Pub: Balanced Pop & Econ Growth: Policy & Research, AJAE 1974; Education Evaluation of the Great Plains Cons. Program ERS-USDA 1970; Economics in Formulating Plans for Eastern River Basins, JFE, 1964.
Mbr: WFS.

BADEN, Randall B., The Garden City Juco, Box 977, Garden City KS 67846; PH 216-276-7611.
Agribusiness Coordinator, The Garden City Juco (04) 08.
b. 1951 Oklahoma, M-0.
BS 1973, MS 1975 OK St Univ.
Fields: 012, 014.
Prev Emp: Res Asst., OK St Univ 1973-75.

BADENHOP, Merton B., 302 Morgan Hall, Inst of Agr, Univ of TN, Knoxville TN 37916; PH 615-974-7231.
Professor, Univ of Tennessee (03) 07, 08, 02.
b. 1919 Kansas; M-0.
BS 1941 KS St Univ; MS 1942 LSU, PhD 1951 Purdue Univ.
Fields: 014, 118.
Prev Emp: Captain, U.S. Army QMC 1942-46.
Pub: Evaluation of Environmental Quality: Ob. Forked Near River Basin, TN Agr Exp Sta Bull 552, 1975; Expenditure Patterns for Landscaping Materials, TN Agr Exp Sta Bull 524, 1974; Fire Protection Services in Rural Areas, TN Farm & Home Sc Rpt 92, 1974.
Mbr: SAEA, IAAE.
Hon: American Men & Women of Science; SC.

BADGER, Daniel D., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Professor, OK St Univ (03) 07, 08.
b. 1933 Virginia; M-4.
BS 1954 VPI & St Univ; MS 1958 OK St Univ; PhD 1964 MI St Univ.
Fields: 025, 021, 026, 011.
Prev Emp: Econ, Univ of NE Mission to Col. 1967-69; Asst Prof, VPI & St Univ 1960-64.
Pub: Economics of Substitution and Demand for Beef Feedlot Wastes, Managing Livestock Waste, ASAE 1975.
Lang: Sp 1-2-1.
Mbr: WAEA, SAEA, SCSA.
Hon: Who's Who in South & Southwest; PKP,

BAEZ, Mayricio, Avenia Los Samanes 24, LaFlorida, Caracas, Venezuela.

BAGGS, James L., 3719 E Fairmount #5, Tucson AZ 85716.

BAGI, F. S., Dept of Agr Econ, 2120 Fyffe Road, Ohio State Univ, Columbus OH 43210.

BAHN, Henry M., 3103-L Symons Hall, Univ of MD, College Park MD 20783; PH 301-454-3810.
Res. Asst, Univ of MD (03) 07, 23.
b. 1946 Pennsylvania; M-1.
BS 1973, MS 1976 Univ of MD.
Fields: 031, 073, 085, 141.
Pub: Analysis of the Effect of Forest Lumber Industry, The Economy of Southern Delmarua Penninsula, Univ of MD 1976
Mbr: SID; AES.

BAILEY, Mark R., ERS, Exec Office Ctr, 1974 Sproul Road, 4th Floor, Broomall PA 19008; PH 215-596-5772.
Agr Econ, ERS (16) 07, 15, 18.
b. 1944 Massachusetts; M-0.
BS 1968 Univ of DE; MS 1973, PhD 1975 Univ of MD.
Fields: 021, 038, 039, 011.
Prev Emp: Grad Res Asst, Univ of MD 1972-75.
Pub: Transferable Development Rights Univ of MD Coop Ext & Preprinted, 1975; Population, Taxes, Public Debt, Coop Ext Service, 1974.
Lang: Sp 3-3-3.
Mbr: LE, SCSA.

BAILEY, Richard, 100 Bronson Avenue, Ottawa, Ontario, Canada; PH 613-521-9152.
Agr Cons., Interinco Ltd (51) 11, 18, 10.
b. 1948 Canada; Citz: Canada; M-0.
BS 1970, MS 1972 Univ of Alberta.
Fields: 014, 017, 050, 070.
Prev Emp: Dir, Dept of Agr, St John's, Canada 1972-75.
Lang: Fr 3-0-0.
Mbr: CAES.

BAIR, W. I., 109 Colonial Avenue, Albany NY 12203

BAKAKI, E. H. Veterinary Dept, Busoga, Dist POB 433, Jinja, Uganda, Africa.

BAKER, Allen J., 500 12th Street SW, Rm 361-A, Washington DC 20250: PH 202-447-8472.
Agr Econ, USDA (16) 07.
b. 1941 Indiana; M-2.
BS 1963 Purdue Univ; MS 1965 Univ of NV; PhD 1970 OK St Univ.
Fields: 015, 014.
Prev Emp: Grad Res Asst, OK St Univ, 1965-70; Grad Res Asst, Univ of NV 1963-65.
Pub: Federally Inspected Slaughtering Industry-No. & Sizes of Plants, USDA-ERS 1976; Hides and Skins, USDA-ERS, 1971; Beef Margins: How They're Set, ERS, The Farm Index, 1971.

BAKER, Chester B., 305 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 61801; PH 217-333-7425.
Professor, Univ of Illinois, (03) 07, 08, 21.
b. 1918 Iowa; M-3.
BS 1947 IA St Univ, PhD 1953 Univ of CA, Berkeley.
Fields: 013, 011, 073, 088.
Prev Emp: Prof., Agr Econ, MT St Univ, Bozeman, 1951-56.
Mbr: AEA, Aus SAE, IAAE.
Hon: Who's Who in America, Dir of Am. Scholars, Leader in Educ, Intl Who's Who, American Men & Women of Science.

BAKER, Forrest S., PO Box 6264, Salt Lake City UT 84106; PH 801-534-0300.
President, Trans Res & Marketing (51) 05, 07, 11.
b. 1929 Wisconsin; M-7.
BA 1950 Univ of WA; MS 1967, PhD OR St Univ.
Fields: 101, 019, 037.
Prev Emp: V. Pres, Motor Freight Express, York PA 1969-70; V. Pres. United-Buckingham Norwal, Denver CO 1968-69.
Pub: The Immovable Feast Part II, U.S. Senate Common Agr & Forestry, 1974; Eval of Mkt Structure Motorcarrier Ind (Private) A Series, 1968-75; A Comp Guide for Determining Time Correlated Costs (Private) 1968-72.
Lang: Ger 2-3-3, Fr 3-3-3, Sp 3-3-3.

BAKER, Gladys L., 3003 Van Ness Street NW, Washington DC 20008.

BAKER, J. Weston, School of Business, Bloomsburg State College, Bloomsburg PA 17815; PH 717-389-2323.
Asst Professor, Bloomsburg State College (03) 08.
b. 1922 Idaho; M-3.
BS 1949, Univ of CA; MBA 1961, MA 1971 WA St Univ.
Fields: 073, 096.
Prev Emp: Accountant, WA St Univ, 1958-68.
Lang: Hebrew 3-0-0, Sp 3-0-0.
Mbr: AEA, AAA, ASA.
Hon: Omicron Delta Epsilon, Who's Who in American Aviation.

BAKER, John A., Suite 1207, 1012 14th St, NW, Washington DC 20005; PH 202-628-4891.
Exec V. Pres, Green Thumb, Inc. (71) 04, 18, 19.
b. 1914 Arkansas; M-6.
BS 1935 Univ of AR; MA 1937 Univ of WI; MS 1943 Princeton Univ.
Fields: 030, 040, 084, 072.

Prev Emp: Exp Cons., U.S. Gen Accounting Office, Washington DC 1973; Cons., U.S. Senate Committee on Agr, Washington DC 1971-72; Asst U.S. Sec of Agr, USDA 1961-69.
Pub: Guide to Federal Programs for Rura-Development, USDA, 1975; Rural Development, U.S. Senate Document, 1972.
Lang: Fr 3-3-3, Ger 3-3-3, Korean 3-3-3.
Mbr: AAPA, NFU Dir 1951-61, AAPA.
Hon: Who's Who in America, Who's Who in South & Southwest, Leading Men in USA, Who's Who in World, Distinguished Alumnus, Alpha Gamma Rho, Alpha Zeta.

BAKER, John D., 1651 Old Meadow Road, McLean VA 22030; PH 703-821-1890.
V. Pres - Comm., Mars Inc (50) 01, 15, 07.
b. 1922 Utah; M-5.
BS 1943, MS 1950 UT St Univ; PhD 1952 Purdue Univ.
Fields: 018, 081, 113.
Prev Emp: Dir of Material, Hunt Foods & Industries, Fullerton CA 1961-63; Commercial Dir, M&M/Mars, Hackettstown NJ 1953-61; Commodity Res, Clayton Brokerage, Clayton MO 1952-53.
Lang: Ger 3-3-3, Por 3-3-3.
Mbr: AFEA.
Hon: Intl Who's Who, Phi Kappa Phi, Sigma Chi, Alpha Zeta.

BAKER, Laurence B.B., Dept of Agr Econ, Univ of Manitoba, Winnipeg, Manitoba Canada R3T2N2; PH 204-474-9309.
Graduate Student, Univ of Manitoba, (03) 23, 07.
b. 1947 Scotland; Citz: UK; U.
SDA 1967, DCP 1968 Edinburgh Sch of Agr; Dip FBOM 1972 North of Scotland Coll of Agr, Aberdeen.
Fields: 011, 017.
Prev Emp: Res Asst, Univ of Manitoba, Winnipeg, 1973; Tech Sales Rep, Chipman Chemicals Ltd, Saskatoon, 1969; Field Trials Off, Murphy Chemical Co, UK, 1970.
Mbr: AEA.

BAKER, Maurice E., 321 H C Filley Hall, Univ of Nebraska, Lincoln NE 68583; PH 402-472-3401.
Professor, Univ of Nebraska (03) 08, 07.
b. 1935 Indiana; M-3.
BS 1957, MS 1959 Purdue Univ; PhD 1961 OH St Univ.
Fields: 020, 021, 026.
Prev Emp: Asst & Assoc Prof, Rutgers Univ, 1962-66; Asst Instr & Res Asst, OH St Univ, 1959-61; Res Asst, Purdue Univ, 1957-59.
Pub: Economics of Alternative Beef Waste Management Systems, Mging Livestock Wastes, 1975; A Comparison of Alternatives for Land Use Planning, Impact of Land Use Planning, 1974; New Developments in Land Use Legislation, Proceedings Gr Plains Council, 1974.
Lang: Fr 3-0-0.
Mbr: AWRA

BAKER, Ralph L., Dept of Agr Econ, 2120 Fyffe Road, Columbus OH 43210; PH 614-422-2701.
Professor, Ohio State Univ (03) 09, 08.
b. 1913 USA; M-2.
BS 1938, MS 1940 OH St Univ; PhD 1949 IA St Univ.
Fields: 014, 018, 051.
Prev Emp: Prof, PA St Univ, 1951-61; Assoc Prof, IA St Univ, 1940-41, 1942-51; Poultryman, TX Agr Exp Sta, 1941-42.
Pub: Integrating Egg Prod & Marketing, USDA 1959; Egg Marketing Studies in USA, World's Poul Sci Jour 1964; Some Effects of Egg Prod on Egg Pricing, Readings on Egg Pricing, 1971.
Lang: Fr 3-0-0, Ger 3-0-0.
Mbr: Poultry Science, World's Poultry Science.
Hon: Who's Who in Am Midwest, Klippert Journalism Award, USDA Res Citation.

BAKER, Timothy Guy, Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-355-9654.
Grad Asst, MI St Univ (03) 07.
b. 1950 Illinois; U.
BS 1973 Univ of IL; MS 1975 MI St Univ.
Fields: 012, 013, 011, 080.
Pub: Cash Flow Analysis of the Farm Business, Coop Ext Service MI St Univ 1975.

BALDWIN, Eldon D., 2120 Fyffe Road, OH St Univ, Columbus OH 43081; PH 614-422-6731.
Asst Prof, OH St Univ (03) 09, 07.
b. 1939 Ohio; M-2.
BS 1963 OH St Univ; MS 1967, PhD 1970 Univ of IL.
Fields: 014.
Prev Emp: Asst Prof, Miami Univ, Oxford OH 1970-74; Asst Prof, Eastern IL Univ, 1969-70; Res Asst Univ of IL, Urbana 1965-69.
Pub: Estimating a Theoretical Contract Curve Between Vertical Stages in IL Grain Industry, AJAE 1975.

BALE, Malcolm D., Dept of Econ, MT St Univ, Bozeman MT 59715; PH 406-994-3701.
Asst Prof, Montana St Univ (03) 07, 08.
b. 1945, New Zealand; Citz: NZ; M-0.
BS 1967 Massey Univ; MS 1969 IA St Univ; PhD 1973 Univ of WI.
Fields: 111, 112, 016, 046.
Prev Emp: Vis. Econ, ERS USDA, Wash. DC 1975-76; Res Asst, Univ of WI, Madison, 1970-73.

Pub: Trade Displacement Costs for U.S. Workers, SJAE 1976; U.S. Wheat Exports & High Protein, ERS USDA 1976; Adjustment Assistance Under the Trade Expansion Act, JILE 1974.
Mbr: AEA, WEA, WAEA.

BALFOUR, Boyce B., Econ Dept, Box 19432, NC Central Univ, Durham NC 27707; PH 919-683-6127.
Professor, NC Central Univ (03) 08.
b. 1943 Texas; M-1
AA 1963 Tyler Jr College; BS 1966, MS 1967 TX A&M Univ; PhD 1974 NC St Univ.
Fields: 040, 080, 141.
Prev Emp: Assoc Prof, St Augustine's College, Raleigh NC, 1972-73.
Lang: Sp 2-0-0.
Mbr: AEA.

BALL, Aldon G., Ontario Agr College, Univ of Guelph, Guelph, Ontario, Canada N1G2W1; PH 519-824-4120.
Assoc Dean, Univ of Guelph (03) 02, 07, 08.
b. 1917 Canada; Citz: U.S.; M-3.
BSA 1949 Toronto Univ; MS 1950, PhD 1954 IA St Univ.
Fields: 011, 012, 017, 013.
Prev Emp: Prof, IA St Univ 1961-72; Prof & Head, Univ of Alberta, 1960-61; Prof, IA St Univ 1949-60.
Pub: Implications of World Food Shortages for Ontario Agriculture, Univ of Guelph 1975; Energy Stresses on the Economy and Its Agriculture, Ontario Inst of Agrologists 1974; Size, Structure & Future of Farms, Iowa State Univ Press 1972.
Lang: Fr 2-0-0.
Mbr: CAEA Pres. 1975-76; IAAE, Canadian Council-Exec Mem 1974-77; AIC.
Hon: Am Men & Women of Science, Phi Kappa Phi, Psi Chi, Alpha Kappa Delta.

BALLINGER, Roy A., 4220 Second Road N., Apartment 3, Arlington VA 22203.
Retired (76)
b. 1906 Minnesota; W.
Prev Emp: Agr Econ, USDA, Washington DC 1960-71.

BAMBENEK, Jerome V., 375 Jackson, St Paul MN 55101; PH 612-725-5814.
Mgmt Info Anal, FICB of St Paul (32) 17, 13, 14.
b. 1938 Wisconsin; M-2.
BS 1961 Univ of WI; MS 1968 Univ of MN.
Fields: 013.
Prev Emp: Mgr Farm Record Oper, FICB, St Paul 1973-75; Farm Records Res Coord, FICB, St Paul 1969-71.
Mbr: MN FM&RA.

BANDEIRA, Antonio L., DER-UFV, Vicosa MG Brazil 39570.
Asst Prof, Fed Univ of Vicosa (03) 23.
b. 1941 Brazil; Citz: Brazil; M-2.
BS 1966 UFMG-Brazil; MS 1970 UFV-Vicosa.
Fields: 111, 063, 112.
Lang: Portugueze; Other: Eng 1-2-2, Sp 1-3-2.
Mbr: AEA, SOBER-Brazil.
Hon: Gamma Sigma Delta.

BANTA, Gordon R., Box 8500, Ottawa, Ontario, Canada K1G3H9.
Intl Devl & Res Center (78) 22, 07, 20.
b. 1940 Alberta, Canada; Citz: Canada; M-3.
BS 1963, MS 1967, Univ of Alberta.
Fields: 012.

BANTERNG, Masang, 117-26 Jaransnitwong, Bangkokyai, Bangkok, Thailand.

BAQUET, Alan E., Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-355-9654.
Graduate Asst, MI St Univ (03) 23, 07.
b. 1949 Montana; M-1.
BS 1971 MT St Univ; MS 1974 OR St Univ.
Fields: 011, 062, 159, 081.
Prev Emp: Grad Asst, OR St Univ, 1971-73.
Pub: An Economy Evaluation of Frost Protection in Jackson County, MS Thesis 1974.
Hon: Phi Sigma Eta, Alpha Zeta, Phi Kappa Phi.

BARE, B. Bruce, College of Forest Res., AR-10, Univ of WA, Seattle WA 98195; PH 206-543-6210.
Asst Professor, Univ of Washington (03) 07, 08.
b. 1942, Indiana; M-2.
BSF 1964 Purdue Univ; MS 1965 MN Univ; PhD 1969 Purdue Univ.
Fields: 084, 023, 081, 083.
Pub: Environmental Effects of Forestland Use: A Simulation Approach, Jour of Env. 1974; Selecting Forest Residues T&T Alternative, U.S. Forest Service; Using Goal Programming, Pacific NW Forest Expt Sta 1976.
Lang: Fr 2-3-3.
Mbr: SAF, IMS, ORSA.
Hon: Who's Who in America, American Men & Women of Science.

BARFELS, Howard R., Business Res Dept, Swift & Company, 115 W Jackson Road, Chicago IL 60604; PH 312-431-2502.
Commodity Anal, Swift & Company (51) 15.
b. 1943 Iowa; U.
BS 1965 IA St Univ; MS 1967 Univ of AZ
Fields: 016.

BARFOOT, Lindsay W., 1 First Canadian Place, 100 King Street, West, Toronto Canada; PH 416-867-5221.
Manager, Bank of Montreal (51) 17, 09, 20.
b. 1944 Canada; M-3.
BS 1966, MS 1966 Univ of Guelph.
Fields: 013, 018, 011, 094.
Prev Emp: Supervisor, Agr Canada, Guelph 1969-73; Econ, Ont Dept of Agr, Toronto 1967-68.
Mbr: OIA, AIC, CAES, Ont. Chamber of Commerce, Canada Bankers Assn.

BARICHELLO, Richard R., Dept of Agr Econ, Ponderosa Annex D, Univ of BC, Vancouver BC Canada V6T1W5; PH 604-228-3634.
Asst Prof, Univ of British Columbia (03) 08, 07.
b. 1947 Canada; Citz: Canadian; M-0.
BS 1969 Univ of BC; AM 1972 Univ of Chicago.
Fields: 041, 033, 073.
Prev Emp: Visiting Lecturer, Univ of IL, Chicago 1972-73.
Lang: Fr 2-3-3.
Mbr: CAES, AEA.

BARIRO, Jose, Nuestra Sra de la Asuncion 1509, Asuncion, Paraguay.

BARITELLE, John L., Washington St Univ, Pullman WA 99163; PH 509-335-1709.
Res Econ, USDA-ERS-CED.
b. 1941 USA
BS 1964, MS 1966 Univ of CA.

BARKER, Randolph, IRRI, P O Box 933, Manila, Philippines.

BARKLEY, Paul W., Dept of Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-1600.
Professor, WA St Univ (03) 07, 08.
b. 1935; M-3.
BS 1957, MS 1959 OR St Univ; PhD 1963 KS St Univ.
Fields: 030, 020.
Lang: Yiddish; Other: Serbo-Croatian 1-1-1.
Hon: Who's Who in America, Intl Who's Who, Dir of Am Scholars, American Men & Women of Science, Leaders in Education.

BARLOWE, Raleigh, 313 Natural Resources Bldg, MI St Univ, E. Lansing MI 48824; PH 517-355-3415.
Professor, MI St Univ (03) 08, 09.
b. 1914 USA; M-1.
BS 1936 UT St Univ; MA 1939 Am Univ; 1938-40 USDA Grad School; PhD 1946 Univ of WI.
Fields: 030, 020, 157.
Prev Emp: Econ, FAO, Washington DC 1947; Agr Econ, USDA, Milwaukee WI, 1943-47.
Pub: Land Resource Economics, Prentice-Hall 1958 & 1972; Land Problems and Policies, McGraw-Hill Book Co. 1954.
Mbr: EHA, SCSA, ARE, UEA.
Hon: Who's Who in America, American Men & Women of Science, Dir of Am Scholars.

BARNARD, Jerald R., Dept of Econ, Univ of IA, Iowa City IA 52242; PH 319-353-4894.
Asoc Dir Inst Econ Res, Univ of IA (03) 07.
b. 1933, Utah; M-3.
BS 1959, MS 1962 UT St Univ; PhD 1965 IA St Univ.
Fields: 035, 021, 036, 085.
Prev Emp: Res Assoc, IA St Univ, 1963-65; Staff Asst, Thiokol Chem Corp, Brigham City UT 1959-60.
Pub: Design & Use of Social Accounting Systems in State Development Planning, Univ of IA 1967; Transportation Nodes and Local Service Airports in the Midwest, Jour of Transport Econ & Pol 1971; Benefits and Land Use Connected with a Flood Control Project, Water Resources Bull. 1975.
Lang: Sp 3-3-3.
Mbr: AEA, Reg Sci Assn, Mid-Cont Reg. Sci Assn, Pres. 1971.
Hon: AAEA Award.

BAROKAS, Rifat, 1608 LMK2 Cherryhill NJ 08034; PH 609-628-8926.
Sr. Economist, Parsons Intl (51) 22, 18, 07.
b. 1939, Turkey; Citz: Turkey; M-1.
BA 1959 Robert College, Istanbul; BA 1961 Roosevelt Univ; MA 1971 City Univ of NY; PhD 1975 Union Grad School.
Fields: 073, 016, 014, 022, 035.
Prev Emp: Mktg Econ, CIDA-MECO-CECORA, Colombia 1973; Proj Econ, Aeroservice, Ecuador 1971; Dir Training, OEO-MSGR, Puerto Rico 1966.
Lang: Turkish; Other: Eng 1-1-1, Sp 1-1-1, Fr 1-2-1.

BARR, Burton B., 0204 S Bldg, USDA, Bureau of Census, Washington DC 20250; PH 202-447-2122.
Statistician - Census Liason, SRS-USDA (22) 06, 15, 18.
b. 1929 North Dakota; M-4.
BS 1953, MS 1955 ND St Univ; 1959-61 Purdue Univ.
Fields: 084, 081, 091, 011.
Pub: Malting Barley Price Determination, ND St Univ 1955; Country Elevator Barley Buying Policies, ND St Univ 1954.
Lang: Sp 3-3-3.
Mbr: AF&AM, ARRL, Am Legion.

BARR, Wallace, 2120 Fyffe Road, Columbus OH 43210; PH 614-422-6021.
Professor, OH St Univ (03) 09.
b. 1920 USA; M-3.
BS 1943, PhD 1961 OH St Univ.
Fields: 018, 019, 016.
Prev Emp: Teacher, High School, Voc and Agr, Wapakoneta OH 1945-55.
Pub: Your Food: Will There be Enough? OH St Univ, 1975; Who Will Control U. S. Agr? Univ of IL 1972.
Mbr: AAEA Director 1975-77, Ntl Public Policy Comm, Chairman 1974-76.
Hon: Who's Who in America, American Men & Women of Science, AAEA Distinguished Ext Publ 1972, USDA Sup Serv Award, 1970, Dir of Am Scholars.

BARRIGA, Claudio, San Antonio 220, 2° Piso, Casilla 1118, Santiago, Chile; PH 39-8253.
Rural Devl Manager, IFI Coop. (52) 01, 17, 08.
b. 1935 Chile; Citz: Chile; M-5.
Ingeniero Agr 1958, Univ Catolica de Chile; MS 1970, PhD 1972 Univ of WI.
Fields: 093, 073, 094, 012.
Prev Emp: Dir, Grad Prog in Agr-Bus Mgmt, Monterrey, Mexico 1973-75; Res Asst, Univ of WI, Madison 1968-72; Head-Prod Dept, Land Reform Agency, Santiago Chile, 1965-68.
Pub: Management in Cooperative Farming, Univ of WI PhD Thesis 1972; El Sector Agropecuario Mexicano, Monterrey, Mexico 1975; La Industria Productora de Semillas, Monterrey, Mexico 1974.
Lang: Spanish; Other: Eng 1-1-1, Por 1-3-2, Fr 1-3-2.
Mbr: AMA, Colegio de Ingeniero Agronomos de Chile; L. Am Assoc.

BARRON, James C., Dept of Agr Econ, WA St Univ, Pullman WA 99163.
Ext Econ, WA St Univ (03) 09, 08.
b. 1938 Pennsylvania; M-2.
BS 1959, MS 1963, PhD 1968 PA St Univ.
Fields: 030, 020, 110.
Prev Emp: Area Mktg Agt, PA St Univ, 1963-68; Asst Co Agt, PA St Univ, 1959-61.

BARROS, Paulo H.V., Ministerio da Agricultura, Suplan 7° Andar, Brasilia, Brazil SA DF 60000; PH 0612-23-1230.
Adv of Plng, Min da Agr (78) 18.
b. 1945 Brazil; Citz: Brazil; M-2.
BS 1968 UFV - Brazil.
Fields: 017.
Prev Emp: Dir Inst Bras de Des Flo, 1974; Adv, Secretary of Agr, BH-MG, 1971; Tecnic Dir, Seattle Proj, BH-MG 1969.
Pub: O Sistema Tributario Como Fator de Desenvolvimento Nacl, Belo Horizonte 1972.
Lang: Portuguese; Other: Eng 1-2-2, Sp 1-2-2.
Mbr: Assoc Dip da Escola Sup de Guerra.

BARROWMAN, Donald W., Room 0257, So Agr Bldg, USDA, Washington DC; PH 202-447-3570.
Chief Prices & Labor Branch, USDA Stat Rpting Service (22) 06.
b. 1927, Colorado; M-0.

BARROWS, Richard L., 350 Agr Hall, Univ of WI, Madison WI 53706; PH 608-262-3653.
Asst Professor, Univ of WI (03) 09, 07,08.
b. 1945 Ohio; M-0.
1965 Univ of CA-LA; BA 1967 Univ of OH; MA 1970, PhD 1972 Univ of WI.
Fields: 030, 026, 022, 073.
Prev Emp: Res. Fellow, Univ of WI 1969-72; Vol. U.S. Peace Corps Sierra Leone 1967-69; Center Director, Columbus Rec Dept, Columbus OH 1966-67.
Pub: Transfer of Development Rights: An Analysis of a New Land Use Policy Tool, AJAE 1975; Employment Impacts of the Economic Development Administration's Public Works Program, AJAE 1975; African Land Reform Policies: The Case of Sierra Leone, Land Econ 1974.
Lang: Fr 2-2-1, Ger 2-2-3.
Mbr: SCS, SEE, Assoc of WI Planners.
Hon: Phi Beta Kappa.

BARRY, Peter J., Dept of Agr Econ, TX A&M Univ, College Station TX 77840; PH 713-845-4912.
Assoc Professor, TX A&M Univ (03) 07, 08.
b. Canada; Citz: USA.
BS 1963, MS 1964 Univ of IL; 1965-66 Purdue Univ; PhD 1969 Univ of IL.
Fields: 013, 094, 134.
Prev Emp: Asst Prof, Univ of Guelph, 1969-71.
Pub: Financial Management in Agriculture, Interstate 1973; Risk Programming and Contracting, AJAE 1976; Reservation Prices on Credit, AJAE 1971.
Mbr: AEA, AFA, CAES.

BARRY, Robert D., 500 12th Street SW, Rm 341, Washington DC 20250; PH 202-447-8647.
Economist, USDA-ERS-FDCD (16) 07, 23.
b. 1938 Philippines; M-3.
BA 1959 Univ of CA-Berkeley; MPH 1970, PhD 1976 George Washington Univ.
Fields: 016, 018, 112, 081.
Prev Emp: Econ, Bur of Labor Stat 1974; Res Asst, Univ of CA, Berkeley 1961.
Pub: Philippines: Econ Stabilization & Agrl Trade, Agr Situation in the Fa East & Oceania 1971; New Zealand: Growth Potential of the Beef & Dairy Industries, Wash. DC 1974; Articles on Cotton, Rice, Sugar & Tobacco in World Agrl Situation, June 1975.
Lang: Sp 3-3-3, Fr 3-3-3.
Mbr: AEA
Hon: Omicron Delta Epsilon

BARSE, Joseph R., Room 420, ERS-USDA, Washington DC 20250; PH 202-447-8328.
Project Leader, Env. Econ, ERS-USDA (16) 06, 07, 18.
b. 1930 Illinois; M-4.
BS 1952 Northwestern Univ; MA 1954 Columbia Univ; MA 1962 Harvard Univ.
Fields: 026, 027, 020.
Prev Emp: Agr Econ, USDA-ERS, Washington DC 1966-75; Intl Trade Econ, Intl Econ Policy Assn, Washington DC 1965-66; Budget Examiner, U.S. Bureau of Budget, Washington DC 1962-65.
Mbr: AEA
Hon: Phi Beta Kappa.

BARTON, David G., 310 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853.

BARTON, John A., 13-D Clubhouse Circle, Storrs CT 06268

BARTON, Julian S., Agr Econ Dept, Barre Hall, Clemson Univ, Clemson SC 29631; PH 803-656-3279.
Grad Res Asst, Agr Econ Dept, Clemson Univ. (03) 23, 07.
b. 1952 South Carolina; U.
Fields: 014, 012, 112.

BASAIB, Saad A., Agr Bureau Buppenas, Jl Taman Surapati 2, Jakarta, Indonesia.

BATEMAN, William L., Dept of Agr Econ, Georgia Exp Station, Experiment GA 30212; PH 404-228-7234.
Asst Prof., Univ of Georgia (03) 07.
b. 1943 Missouri; M-1.
BBA 1966 So St College; MS 1969 Univ of AR; PhD 1973 OK St Univ.
Fields: 016, 011, 018.
Prev Emp: Res Assoc, OK St Univ, 1972-1973; Grad Res Asst, OK St Univ 1969-72; Grad Res Asst, Univ of AR, 1966-69.
Pub: An Economic Analysis and Comparison of Part-Time and Full-Time Farm Operations in Eastern Oklahoma, OK St Univ, 1973.
Mbr: SAEA.
Hon: GSD.

BATIE, Sandra S., 312 Hutcheson Hall, Dept of Agr Econ, VPI & St Univ, Blacksburg VA 24060; PH 703-951-5381.
Asst Prof, VPI & St Univ (03) 07, 08, 09.
b. 1946 Connecticut; M-0.
BS 1967 Univ of WA; MS 1971, PhD 1973 OR St Univ.
Fields: 020, 038, 040.
Prev Emp: Grad Fellow, OR St Univ, 1969-73.
Pub: The U.S. Importation of Fishery Products, OR St Univ, PhD Thesis 1973; Roles Approaches and Problems of Developing a State Land Use Process, VPI Pub #629, 1974.
Mbr: AER, WAEA, SAEA.
Hon: Who's Who in South, Robert Johnson Fellow, OR St Univ.

BATTERHAM, Robert L., Dept of Agr Econ, Univ of Sydney, Sydney 2006 Australia; PH 02-692-1122.
Sr Lecturer, Univ of Sydney, (03) 07, 08.
b. 1942 Australia; Citz: Australia; M-0.
MDA 1963, Hawkesbury Agr College; BAE 1967 Univ of New England; MS 1969, PhD 1971 Univ of IL.
Fields: 013, 011, 014, 017.
Prev Emp: Asst Prof, Univ of Guelph, 1971-72; Res Asst, Univ of IL, Urbana 1968-71; Tutor, Univ of NE, Armidale, NSW Australia 1968.
Pub: Investment in Farm Firm Growth, Univ of IL Thesis 1971; Analysis of Machinery Financing, CFE 1974.
Mbr: AEA, AES, AAES.
Hon: Gamma Sigma Delta.

BAUER, Larry L., Dept of Agr Econ, Clemson Univ, Clemson SC 29631; PH 803-656-3223.
Assoc Prof, Clemson Univ (03) 07, 08.
b. 1939 Illinois; M-2.
1957-59 Western IL; BS 1961 Univ of IL; MS 1963 Purdue Univ; PhD 1968 NC St Univ.
Fields: 011, 062.
Prev Emp: Asst/Assoc Prof, Univ of TN, Knoxville 1968-75; Grad Asst, NC St Univ 1963-67; Grad Asst, Purdue Univ, 1961-63.
Pub: Effect of Technology on the Farm Labor Market, AJAE 1969; Effect of R+E Expenditures of Farm Output in the Southeast, SJAE 1975.
Mbr: SAEA.
Hon: Gamma Sigma Delta.

BAUM, Emanuel L., Suite 1105, 1750 Pennsylvania Ave NW, Washington DC 20006 PH 202-298-8446.
V. President, Acres Am Inc (51) 10, 11.
b. 1922 New York; M-3.
BS 1942 Cornell Univ; MS 1947, PhD 1949 IA St Univ.
Fields: 026, 031.
Prev Emp: Dir Reg. Devl, USDA, Wash. DC 1965-67; Leader, Appalachian Devl, USDA, 1961-65; Chf, Agr Econ Br, TVA, Knoxville TN 1954-61.
Pub: Capital & Credit Needs in Agriculture, IA St Press 1961; Fertilizer Innovations & Resource Use, IA St Press, 1957; Economics Analysis of Fertilizer Use Data, IA St Press 1956.
Mbr: RSA, AEA.
Hon: Who's Who in Am; Intl Who's Who; Certificate of Merit, USDA 1966.

BAUM, Kenneth H., East Hall, Economics Dept, IA St Univ, Ames IA 50011; PH 515-294-8687.
Res Asst, IA St Univ (03) 01, 23.
b. 1949 Idaho; D.
BA 1971, Northwestern Univ; MA 1973 Univ of Chicago; 1973-76 IA St Univ.
Fields: 016, 017, 081, 154.
Hon: Phi Kappa Phi.

BAUMANN, Ross V., 337-A Administration Bldg, Agr Res Serv, USDA, Washington DC 20250; PH 202-447-7137.
Agr Econ., Agr Res Service-USDA (15) 06, 18, 19.
b. 1911 Nebraska; M-3.
BS 1933, AM 1935 Univ of NE; PhD 1949 Harvard Univ.
Fields: 011, 012, 151, 152.
Lang: Ger 2-0-0, Fr 2-0-0.
Mbr: WAEA, SCSA.

BAUMEL, C. Phillip, Dept of Econ, IA St Univ, Ames IA 50010; PH 515-294-7318.
Professor, IA St Univ (03) 07, 08.
b. 1928 Ohio; M-5.
BS 1950, MS 1958 OH St Univ; PhD 1961 IA St Univ.
Fields: 019, 015.
Prev Emp: Asst Prof, Cornell Univ, 1961-63.
Pub: An Economic Analysis of Alternative Grain Transportation Systems: A Case Study, Natl Tech Information Service November 1973; Projected Quantities of Grain and Fertilizer RequiringTransportation Services in Iowa in 1979-80 and 1984-85, IA St Univ, November 1974.
Lang: Sp 3-0-3.
Hon: Who's Who in America, Gamma Sigma Delta.

BAUMER, Elmer F., 250 W Univ Hall, 230 North Oval Mall, Columbus OH 43210; PH 614-422-1535.
Assoc Dean, OH St Univ (03) 02, 23.
b. 1923 Ohio; M-5.
BS 1945, MS 1946, PhD 1951 OH St Univ.
Fields: 014, 101, 105.
Prev Emp: Prof. Oh St Univ, 1951- --.
Pub: Changing Market Conditions: Implications for Ohio Dairy Marketing Cooperatives, OARDC 1965; Dimensions of Consumer Attitude in Fluid Milk Purchase with Special Reference to Doorstep Delivery vs Store Purchases, OARDC 1969; Economic and Marketing Report on Frozen Desserts 1969.

BAUMGARTNER, David C. Forestry Sciences Lab, Southern Illinois Univ, Carbondale IL 62901; PH 618-453-2318.
Res. Forester, U.S. Forest Service (23) 07.
b. 1937 Illinois; U.
BS 1960, MS 1963, PhD 1973 Southern IL Univ.
Fields: 023, 026, 038, 014.
Prev Emp: Asst Instr, So IL Univ, 1965; Res Asst, So IL Univ 1960-64.
Pub: Marketing Illinois Pulpwood, NC Forest Exp Sta Paper 1975; Eval of Inv. Opp. in Growing Black Walnut, Am Rep of N. Nut Growers Assn 1975; The Changing Market for Wood Used Farm Structures, NC For. Exp Sta Paper 1972.
Lang: Fr 2-0-0, Sp 2-0-0.
Mbr: AEA, SAF.
Hon: Omicron Delta Epsilon, Sigma Chi.

BAUMES, Harry S. Jr., 30-12 Hilltop Drive, West Lafayette IN 47906.

BAWDEN, D. Lee, Urban Institute, 2100 M Street NW, Washington DC 20037.
Dir. Human Res & Income Sec, Urban Inst, (71) 04, 07, 19.
b. 1934 Montana; M-4.
BS 1956, MS 1959 MT St Univ; PhD 1964 Univ of CA-Berkeley.
Fields: 040, 043, 044 , 120.
Prev Emp: Prof, Univ of WI, 1971-75; Assoc Prof, Univ of WI 1967-71; Asst Prof, Univ of WI 1963-67.
Pub: The Rural Income Maintenance Experiment, Academic Press, 1976; The Impact of a Universal Income Main Program, AJAE 1975; Behavior of Low Income Rural Non Farm Wage, AJAE 1974.
Mbr: AEA, APWA.
Hon: 1967 Award for Published Res by AAEA.

BAY, Donald M., P O Box L, Columbus MO 65201; PH 314-442-3135.
State Stat., USDA-SRS, (22) 01.
b. 1935 Illinois; M-4.
BS 1957 Univ of IL; 1953-55 IL St Univ.
Fields: 014, 011, 017.
Prev Emp: Head, Cotton & Spec, Stat Rpting Serv, Washington DC 1972-75; Crops Sect Clearance Anal Stat Rpting Serv, Washington DC 1970-72; Livestock Commodity Stat, 1965-70.
Pub: Thailand 1974 Pilot Area Survey Rep, Washington DC 1974.
Mbr: ASA, Intl Assoc of Survey Stat.

BAYDA, William M., 9th Floor, Agr Bldg, 9718 - 107th Street, Edmonton, Alberta, Canada T5K1E4; PH 403-427-2174.
Sup of Agr Manpower Program, Alberta Dept of Agr (40) 06, 18, 07.
b. 1931 Canada; Citz: Canada; M-4.
BS 1955 Univ of Saskatchewan.
Fields: 120, 039, 031.
Prev Emp: Res, Agr Alberta, 1967-71; Res, Agr Canada, 1962-67; Farm Assessor, Revenue Canada-Tax 1957-62.
Hon: Agr Inst of Canada.
Mbr: CAES.

BEATON, Norman J., Dept of Agr Econ, Univ of Manitoba, Winnipeg, Manitoba, Canada R3T 2N2; PH 204-474-8705.
Assoc Prof, Univ of Manitoba, (03) 08, 07, 09.
b. 1939 Canada; Citz: Canada; U.
BS 1962 McGill Univ; MS 1965 ND St Univ, PhD 1968 KS St Univ.
Fields: 014, 015.
Mbr: CEA, CAES.
Hon: Who's Who in America.

BEATTIE, Bruce R., Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-2333.
Assoc Prof, TX A&M Univ (03) 07, 08.
b. 1942 Montana; M-2.
BS 1963, MS 1964 MT St Univ; PhD 1970 OR St Univ.
Fields: 010, 020, 062, 064.
Prev Emp: Asoc Prof,IA St Univ, 1973-74; Asst Prof, Univ of KY 1969-73; Res Asst, OR St Univ, 1965-69.
Pub: Improving Estimate of Economic Paramenters by Use of Ridge Regression with Production Function Applications, AJAE 1975; Product Complementarity in Production: The By-Produce Case, SJAE 1974; Economic Consequences of Interbasin Water Transfer, OR Agr Exp Sta 1971.
Mbr: WAEA, Council Member 1974- --, SAEA.
Hon: AAEA Award, Phi Kappa Phi.

BEAZLEY, Ronald, Dept of Geography, Southern Illinois Univ, Carbondale IL 62901.

BECK, Robert L., Dept of Agr Econ, Univ of Kentuc-y, Lexington KY 40506.

BECK, Roger J., Dept of Agr Econ & Rural Soc, 214 Armsby Bldg, Univ Park PA 16802; PH 814-863-0190.
Res Asst, PA St Univ (03) 23, 07.
b. 1941 Ohio; M-1.
BA 1967 Goshen College; PhD 1976 PA St Univ.
Fields: 035, 123, 060, 080.
Prev Emp: Proj Dir, Church World Serv, Greece, 1968-71.
Pub: Community Adjustment to a Major Plant Closure: A Case Study of Berwick PA, Jour NEAC 1974.
Lang: Ger 2-3-3, Greek 3-3-2.
Mbr: NAEC.

BECKER, John A., U.S. Agency for Intl Devl, Am Embassy, Managua, Nicaragua; PH 2-3881.
Agr Econ, USAID (24) 18, 19, 15.
b. 1943 Illinois; M-2.
BS 1967, MS 1968 So IL Univ; PhD Univ of MO.
Fields: 014, 075, 016, 017.
Prev Emp: Consultant, USAID, South Asia, Africa, 1967-75; Res Asst, Univ of MO, 1968-73; Res Asst, So. IL Univ, 1967-68.
Lang: Sp 2-0-3, Fr 3-0-0.

BECKER, Manning H., Dept of Agr & Resource Econ, OR St Univ, Corvallis OR 97331; PH 503-754-1484.
Professor, OR St Univ (03) 09, 08.
b. 1922 Nebraska; M-2.
BS 1947, MS 1948 OR St Univ.
Fields: 012, 011, 013.
Pub: Farm Business Management 2nd Ed, McMillan Co NY 1972; Farm Business Management, McMillan Co NY 1962.
Mbr: WAEA, VP & Editor; ASFMRA VP 1968, OSFMRA-Sec Tr 1963- --.
Hon: Am Authors; Outstanding Accomplishment Award, WAEA, 1959; Excellence in Teaching, OR St Univ 1967; Outstanding Educator of Am 1971.

BECKER, Wayne Ivan, Dept of Agr Econ, ND St Univ, Fargo ND 58102.
Grad Asst, ND St Univ (03) 23, 07.
b. 1952 South Dakota; U.
BS 1974 ND St Univ.
Fields: 032, 012.
Lang: Fr 2 -3- 3

BEDSEV, Heinoich, Fal Inst f Befsiels Wirtschaft, Bundesallee 50, 33 Braunschweig, Germany.

BEEBOUT, Harold S. 2021 L Street NW Washington DC 20036; PH 202-833-9510.
Assoc Dir, Mathematica, Inc. (51) 07, 19, 05.
b. 1940 Iowa; M-2.
BS 1963 IA St Univ; MS 1970, PhD 1972 Univ of WI.
Fields: 044, 043, 083, 047.
Prev Emp: Proj Mgr, Urban Inst, Washington DC 1973-74; Econ., The Urban Inst, Washington DC 1972-73.
Pub: TRIM: A Microsimulation Model, USDA-FNS 1973; The Production Surface for Secondary Ed, Dissertation 1972.
Lang: Indonesian 1-2-2, Mal 1-2-1.
Mbr: AEA.
Hon: Fulbright-Hayes Fellow, Phi Kappa Phi, Alpha Zeta.

BEEN, Richard O, 190 GHI Bldg, 500 12th Street SW, Washington DC 20250; PH 202-447-2623.
Agr Econ, ERS-USDA (16) 07, 22.
b. 1908 Michigan; M-2.
AB 1937, MA 1939 George Washington Univ; PhD 1965 Univ of CA-Berkeley.
Fields: 014, 081, 015, 065.

Prev Emp: Econ. Safeway Stores Inc, Oakland CA 1954-1973; Lecturer, Univ of CA-Berkeley, 1964 & 1967; Econ, USDA-BAE, Washington DC 1929-51.
Pub: Reconst. Class Theo of Location, Dissertation 1965; Price Spreads Between Farmers & Consumers, Washington DC 1949; Price Spreads for Food Products, Washington DC 1945.
Lang: Ger 2-0-0, Fr 2-0-0.
Mbr: ES, AAAS, IMS.
Hon: Am Men & Women of Science, Intl Who's Who in Comm & Ind; 1966 AAEA Award.

BEER, Charles L., Ext Service, USDA, Washington DC 20250; PH 202-447-4387.
Dir- Family Farm Program, Ext Serv-USDA (17) 06, 09, 20.
b. 1923 Minnesota; U.
BS 1949 Univ of MN; MS 1955 MI St College; PhD 1957 MI St Univ.
Fields: 011, 017, 012.
Prev Emp: Prof, Univ of MO 1962-64; Asst Prof, MI St Univ, 1956-62; Co Ext Agt, Univ of MN, Anoka MN 1949-53.
Mbr: ASFM&RA, ASAC.
Hon: Who's Who in America, American Men & Women of Science.

BEHR, Michael R., Univ of WI, Superior WI 54880; PH 715-392-8101.
Assoc Prof, Univ of WI-Superior (03) 08, 07, 20.
b. 1936 Minnesota; M-3.
BS 1957, MS 1959 Univ of MN; MA 1968, PhD 1969 Univ of WI-Madison.
Fields: 060, 062, 101, 030.
Prev Emp: Instr, Econ, Univ of MN-Duluth 1965-67; Farm Owner, Paynesville MN 1965- --;Farmer, Paynesville MN 1959-65.
Pub: Market Structure & Performance, Lexington Books: D.C. Heath 1972; Economics: A Personal Consumer Approach, Prentice-Hall, 1975; Superior Business Indicators, Superior WI Periodical.
Mbr: AEA, AAP&SS, ACCI.
Hon: Am Men & Women of Sci; AAEA Award, 1970; AAEA Award 1973.

BEKELE, Abraham, Dept of Agr & Res Econ, Univ of MD, College Park MD 20783.
Graduate Student, Univ of MD (03) 23, 08.
b. 1948 Ethiopia; Citz: Ethiopia; U.
BA 1970, MA 1973, Rutgers Univ; PhD Univ of MD; PhD Candidate.
Fields: 016, 062, 081, 077.
Prev Emp: Lecturer, Rutgers Univ, 1970-74; Lectr, Fed City Coll, Wash DC 1974-.
Lang: Amharic; Other: Eng 1-1-1, Fr 2-2-2.

BELDEN, Sanford A., PO Box 678, Auburn ME 04210; PH 207-784-0193.
General Manager, Farm Credit Service (52) 05.
b. 1942 Massachusetts; M-3.
BS 1964, MS 1967, PhD 1971 Purdue Univ.
Fields: 094.
Prev Emp: V. Pres, Farm Credit Bank, Springfield MA 1972-75; Asst Prof, Cornell Univ, 1970-72.

BELL, David M., 45 Cardinal Drive, Westfield NJ 07092; PH 201-233-0700.
Res Econ, Cornell Rice & Sugar Co Inc (51) 15, 07.
b. 1943 Nebraska; M-3.
BS 1965, MS 1967 Univ of NE; PhD 1971 MI St Univ.
Fields: 014, 080, 100.
Prev Emp: Proj. Leader, ERS-USDA, Washington DC 1973-75; Agr Econ, ERS-USDA, Washington DC 1970-73.
Pub: U.S. & World Fertilizer Outlook, The Complicated Simplifiers, Washington DC 1975; Simulation & Other Decision Models - L, MI St Univ 1973; Resource Adjustment to the Fertilizer Industry, Washington DC 1972.
Hon: AAEA PhD Award.

BELL, Sidney C., Agr Econ & Rural Soc Dept, Auburn Univ, Auburn AL 36830; PH 205-826-4802.
Professor, Auburn Univ (03) 07, 08, 20.
b. 1923 Alabama; M-3.
BS 1955, MS 1957 Auburn Univ; PhD 1961 MI St Univ.
Fields: 012, 013, 011.
Prev Emp: Farm Mgmt Spec, Ext Auburn Univ, 1960-65; Instructor, Agr Econ Dept, Auburn Univ, 1957.
Pub: Farm Estate Planning in Alabama, Auburn Univ 1975; An Analysis of Agriculture Credit in Wiregrass, AL Univ 1970; Costs and Returns of Prod Grade A Milk in Alabama, Auburn Univ 1971.
Mbr: AFM&RA, SAEA, AL Soc of FM &RA, Sec-Tres 1975.
Hon: Sr Achievement Award, Gamma Sigma Delta, Phi Kappa Phi.

BELLINGER, Melvin D., 14822 Danville Road, Woodbridge VA 22191.

BELLOWS, William J., Dept of Agr & Res Econ, Univ of MD, College Park MD 20742; PH 301-454-4101.
Asst. Professor, Univ of MD (03) 09, 07, 08.
b. 1937 New York; M-2.
BA 1959, Harvard Univ; MS 1968, PhD 1972 Univ of MA.
Fields: 022, 031, 038.
Pub: Impact of C & O Canal National Park on Land Values, MD Exp Sta 1976; Determination of Optimal Multiple Use of Small Water Resource, MA Water Res Center 1973.
Mbr: AEA, NAEC, AWRA.
Hon: Sigma Chi, Chi Sigma Pi.

BELTRAN, Gregorio, 808 17th Street NW, Washington DC 20577; PH 202-634-8493.
Training Officer, Inter Am Devl Bank (67) 22
b. 1922 Colombia; Citz: Colombia; M-6.
Ingeniero Agronomo 1945 Univ Nal de Colombia; MS 1947 Univ of WI.
Fields: 112, 152, 046, 073.
Prev Emp: Agr Econ, Inter American Comm for Agr Devl, Washington DC 1962-67; Agr Econ, Ministry of Agr, Caracas Venezuela 1953-62.
Pub: Land Settlement in Venezuela, Rural Sociology 1952; Economia de Produccion Agricola en Colombia, Revista Fac Nacional de Agronomia, Medellin Colombia 1953.
Lang: Spanish; Other: Eng 1-1-1, Por 1-3-1.
Mbr: SID, RSS, LASA.

BENDER, Filmore E., Dept of Agr Econ, Univ of MD, College Park MD 20742; PH 301-454-3805.
Professor, Univ of MD (03) 07, 08.
b. 1940 California; M-4.
BS 1961 Univ of CA-Davis; MS 1965, PhD 1966 NC St Univ.
Fields: 016, 062, 031.
Lang: Ger 3-0-0, Sp 3-0-0.
Mbr: AEA, SAEA, NAEC.

BENDER, J. Dennis, PO Box 599, Dept GO-4C, Procter and Gamble, Cincinnatti OH 45201; PH 513-562-2469.
Sr. Econometrician, Procter & Gamble, (51) 19, 17, 15.
b. 1942 Ohio; M-0.
BS 1964, Case Inst of Tech; MBA 1965 Univ of MI.
Fields: 080, 050, 090, 100.
Mbr: AEA, AFA, ASA.
Hon: Who's Who in America.

BENDER, Lloyd D., Dept of Agr Econ & Econ, MT St Univ, Bozeman MT 59715; PH 401-994-3701.
Econ, EDD-ERS-USDA (16) 07, 01.
b. 1930 Arizona; M-2.
1946-51 AZ State; BS 1955, MS 1956 AR St Univ; PhD 1959, Univ of MO.
Fields: 076, 047.
Prev Emp: Econ ERS, Columbia MO 1966-72; Assoc Prof, Univ of Arkansas 1959-66.
Pub: Predicting Employment in Four Regions of the Western U.S., ERS 1975; Research Perspective on Local Energy Development Impacts, WAEA, 1975; Out-Migration Responsiveness to Local Economic Conditions, Growth & Change 1975.
Lang: Sp 2-0-0.
Mbr: WAEA.

BENDER, Norman K., Dept of Agr & Res Econ, Symons Hall, Univ of MD, College Park MD 20742; PH 301-454-3226.
Instr-Marine Econ Spec, Univ of MD (03) 09.
b. 1948 New York; M-0.
BS 1970, MAT 1972 Univ of MA.
Fields: 024, 093, 038, 026.
Prev Emp: Ext Assoc, Cornell Univ, 1976; Coop Ext Spec, Cornell Univ 1974-76.
Pub: Selecting a Health Insurance Plan That Fits Your Needs, Cornell Univ, 1975; Insight #1, The Capital Construction Fund, Cornell Univ 1974.
Mbr: NAEA.

BENEDICT, Murray R. 2470 Cedar Street, Berkeley CA 94708.
Prof-Emeritus, Univ of CA-Berkeley (03) 26.
b. 1892 Wisconsin; M-3.
BS 1916 Univ of WI; PhD 1931 Harvard Univ; LLD 1961 Univ of CA.
Fields: 26, 18.
Prev Emp: Prof, Univ of CA-Berkeley, 1931-61; Consl, Lend-Lease Adm, Washington & Rome, 1943-44, 1961; Prof, SD St College, 1921-1928.
Pub: Farm Policies of U.S. 1790-1950, New York 1953; Can We Solve the Farm Problem, New York, 1955; The Agricultural Commodity Programs, New York 1956.
Lang: Ger 2-3-2.
Mbr: ASA, AFEA, AAAS.
Hon: Who's Who in America; Fellow ASA.

BENEKE, Raymond R., Dept of Econ, 266 East Hall, IA St Univ, Ames IA 50011; PH 515-294-6740.
Prof & Chairman, IA St Univ (03) 02, 08, 07.
b. 1919 Iowa; M-2.
BS 1940, MS 1946 IA St Univ; PhD 1949 Univ of MN.
Fields: 011
Prev Emp: Assoc Prof, IA St Univ, 1950-59; Asst Prof, IA St Univ, 1948-50; Instr, Univ of MN, St Paul, 1946-48.
Pub: Linear Prog App to Agriculture, Iowa St Univ Press 1973.
Lang: Sp 2-2-2.
Mbr: AAUP.

BENITO, Carlos A., 220 Gianini Hall, Dept of Agr Econ, Univ of CA, Berkeley CA 94720; PH 415-642-0671.
Asst Econ-Lecturer, Univ of CA, Berkeley, (03) 07, 08.
b. 1940 Argentina; Citz: Argentina; M-3.
Licenciado 1964 Univ Nac-Cuyo, Argentina; MS 1971, PhD 1973 Univ of CA-Davis.
Fields: 073, 040, 080, 105.
Prev Emp: Econ, Pan Am Union, Washington DC 1975; Prof, Univ Nac-Cuyo, Argentina 1964-69; Econ, Consejo Fed Inversiones, Argentina, 1964-67.
Pub: Peasants Response to Modernization Projects, AJAE, 1976; Subsistence Economics in Latin America, Giannini Papers 1976; Cultural Action and Rural Development, Giannini Papers 1975.
Lang: Spanish; Other: Eng 1-1-1.
Hon: Honorific Distinction to Best Licenciate in Econ, Univ Nac de Cuyo.

BENJAMIN, Gary L., PO Box 834, 230 South LaSalle Street, Chicago IL 60690; PH 312-322-5322.
Sr Economist, Federal Reserve Bank, Chicago (33) 07.
b. 1944 Michigan; M-0.
BS 1966, MS 1968 MI St Univ; PhD 1973 Univ of IL.
Fields: 013, 018, 016, 017.

BENNETT, J. Wayland, Box 4190, TX Tech Univ, Lubbock TX 79409; PH 806-742-4277.
Professor, TX Tech Univ (03) 02, 27.
b. 1923 Texas; M-1.
BS 1948 TX Tech Univ; MS 1951, PhD 1955 LSU.
Fields: 013, 014.
Pub: An Analysis of Beef Cattle Prices, PhD Dissertation 1955; Economic Influences of Irrigation on the General Economy, Proc. West Texas Water Inst, 1965; The 1970's Decade of Crisis for Higher Education, Proc of NACTA 1971.
Mbr: AAAS; NACTA-V. Pres 1970-71, Pres. 1971-72.
Hon: Am Men & Women of Sci, Who's Who in South & Southwest, NASU&LGC.

BENNETT, Thomas, FAO, PAK, 75006, UNDP, Pakistan, PO Box 20, Grand Central Station, New York NY 10017.
Proj. Mgr, FAO-UN (63) 03, 22, 07.
b. 1932; Ohio; M-5.
BS 1964, MS 1965 OH St Univ.
Fields: 014, 015, 018, 118.
Prev Emp: Sr. Coord, Canadian Dept of Agr, Ottawa, Canada 1972-76; Mktg Exp., UN-FAO, Tehran, Iran 1970-71, Asst Dir Res, Am Farm Bureau Fed, Chicago, Illinois 1966-72.
Pub: Feasibility of Prod Veg in CCE Systems, Agr Canada, Ottawa 1975; Devl of the Var. Marketing Agency, Iran FAO 1971; A Case Study of Roadside Market Clientele, OH St Univ 1965.
Lang: Fr 3-3-2.

BENSON, Fred J., 249 Classroom Office Bldg, Univ of MN, St Paul MN 55108; PH 612-373-1145.
Assoc Prof, Univ of MN (03) 09, 07.
b. 1937 Illinois; M-4.
BS 1963 W. IL Univ; MS 1965 So. IL Univ; PhD 1972 Univ of MO.
Fields: 012, 011, 013, 015.
Prev Emp: Asoc Prof, Ext Econ, Univ of ME, Orono ME 1970-74; Res Asst, Univ of MO, Columbia, 1965-70.
Pub: Technical Production Function Estimates for Corn Which Include Weather Variables, Dissertation 1972; Four Legged Recycling Machines, JNAEC, 1972; 1974 Marine Farm Planning Guide, Univ of ME 1974.
Lang: Ger 3-3-3.
Mbr: NAEC, MN FM&RA.

BENSON, Geoffrey A., 120 E Mitchell Ave., State College PA 16801.

BENSON, James M., Room 5522-S, ITP-FAS, Washington DC 20250; PH 202-447-2409.
Intl Econ, FAS - USDA (18) 18, 06.
b. 1939 Indiana; M-2.
BSA 1961 Purdue Univ, BS 1962 Thunderbird Graduate School of Intl Mgmt, AZ.
Fields: 112, 111, 017.
Prev Emp: For. Agr Affairs Off, FAS-USDA, Paris 1968-75.
Lang: Fr 1-2-1.

BENSON, Verel W. Room 292, CED-ERS, 500 12th Street SW, Washington DC 20250; PH 202-447-8342.
Agr Econ, ERS-USDA (16) 07, 14, 15.
b. 1944 South Dakota; M-2.
BS 1965 SD St Univ; MS 1969, PhD 1969 Univ of MD.
Fields: 083, 011, 016, 026.
Prev Emp: Econ, Center for Naval Anal, Arlington VA 1969-71.
Pub: Energy Use and Conservation in the Poultry Industries, ERS-USDA 1976; Poultry Energy Conservation Guidebook, Federal Energy Adm, 1976; Interregional Competition in the Broiler Industry: A Computer Simulation Model, Vol. I & II, Univ of MD 1972.

BENTLEY, Ernest, Room 305, Agr Bldg, TX A&M Univ, College Station TX 77843; PH 713-845-5443.
Res Assoc, TX A&M Univ, (03) 07, 23.
b. 1946 Florida; M-1.
BS 1968 Eckerd College; ME 1973 NC St Univ; 1973-75 NC St Univ.
Fields: 011, 016, 110.
Prev Emp: Teaching Asst, NC St Univ, 1973-75.
Pub: Analysis of Innovations: Dairy & Exoctic Crossbreeds, SJAE 1974; Economics Analysis of a Beef Production Innovation: Dairy-Beef Crossbreeding, NC St Univ 1974.
Lang: Farsi 0-0-3, Sp 3-0-3.
Mbr: SAEA.

BENTLEY, William R., School of Natural Resources, 2506 Dana Bldg, 430 E. Univ, Ann Arbor MI; PH 313-764-1817.
Professor, Univ of MI (03) 08, 07, 18.
b. 1938 CA; M-1.
1955-57 Stanford; BS 1960 CA-Berkeley; MF 1961 Univ of MI; PhD 1965, Univ of CA-Berkeley.
Fields: 023, 020, 017, 050.
Prev Emp: Assoc Prof, Univ of WI, Madison, 1966-69; Asst Prof, IA St Univ 1963-66; Spec., CA Agr Exp Sta, Berkeley 1962-63.
Pub: Forest Service Timber Sales, Land Econ, 1968; Rational Approaches to Forest Management, SAF Proceedings 1974; Timber Supply Security, Univ of British Columbia Press 1976.
Lang: Sp 2-0-1.
Mbr: SAF
Hon: Am Men & Women of Science, Who's Who in Midwest.

BENTZ, Robert Paul, Chancellor's Office, Univ of IL at Chicago Circle, Chicago IL 60680; PH 312-996-4884.
V. Chancellor for Oper, Univ of IL, Chicago Circle (03) 01.
b. 1931 Georgia; M-3.
BS 1953, MS 1957 TX Tech; MS 1959 Cornell Univ; PhD 1961 LSU.
Fields: 091, 014, 151.
Prev Emp: Asst to V. Pres, Univ of IL, Urbana 1968-70; Assoc Prof, Univ of IL, Urbana 1961- --.
Lang: Ger 3-0-0, Sp 3-0-0.
Mbr: AAHE, NASPA.
Hon: Am Men & Women of Science, Who's Who in the Midwest, Fellow, Am Council on Education 1967-68.

BERG, James F., 2185 Democrat Road, Memphis TN 38116; PH 901-396-3600.
Economist, Cook Ind. Inc (51) 15, 07, 22.
b. 1943 Ohio; M-2.
BS 1965, MS 1967, PhD 1970 OH St Univ.
016, 111, 018, 011.
Prev Emp: Staff Econ, USDA ASCS, Wash. DC 1972-73; Econ USDA Off. of the Sec. Washington DC 1970-72.
Pub: The Competitive Position of the Ohio Fed Cattle Industry, OH St Univ, 1970; Commercial Storage and Handling Facilities, TVA 1974; Grain Export Outlook, OK St Univ 1975.
Mbr: AMA, Mid So Bus Econ.
Hon: Gamma Sigma Delta.

BERG, Sherwood O., Office of the Pres, SD St Univ, Brookings SD 57006; PH 605-688-4111.
President, SD St Univ (03) 02, 18, 22.
b. 1919 Minnesota; M-2.
BS 1947 SD St Univ; MS 1948 Cornell Univ; PhD 1951 Univ of MN.
Fields: 017, 013, 072, 112.
Prev Emp: Res Dir, MUCIA, Inc., Indonesia, 1973-75; Dean & Prof, Univ of MN, St. Paul 1957-73; Agr Attache, USDA-USDS, Denmark-Norway, 1954-57.
Pub: MUCIA-AID-Indonesian Higher Agr Ed Project, Sakarta 1974; The Role of Food for Peace, Readings in Agr Policy 1968; Food and Fiber for the Future, Washington DC 1967.
Lang: Nor 1-2-2, Danish 1-2-2, Serbo-Croation 2-3-3.
Mbr: IAAE, AAAS, Am Scan. Foundation.
Hon: Who's Who in Am, Dir of Am Scholars, Leaders in Education, Am Men & Women of Science, Phi Kappa Phi, USDA Superior Serv Award, SD St Univ Distinguished Alumnus Award.

BERGER, Glenn I., American Feed Mfgrs. Association, 1701 North Ft Myers Drive, Arlington VA 22209.

BERGMANN, Denis R., INRA Economie, 6 Passage Tenaille, Paris France 75014; PH 1-551-4109.
Sr. Res., Inst Nat Rech Agr (36) 07, 08.
b. 1919 France; Citz: France; M-3.
Ing Agron 1940 INA-Paris; MS 1947 Cornell Univ.

Fields: 017.
Prev Emp: Asst to Prof, Inst Natl Agronomique, Paris 1947-63.
Lang: French; Other: Eng 1-1-1, Ger 2-3-2.
Mbr: IAAE.

BERNITZ, Alexander, USDA-FAS, Washington DC 20250; PH 202-447-3253.
Deputy Asst Adm., USDA-FAS (18) 01, 18, 27.
b. 1928 New York; M-2.
BS 1952 Cornell Univ; MS 1960 Univ of CT.
Fields: 113, 016, 111, 112.
Prev Emp: Div Dir, Export Sales, FAS-USDA, Washington DC 1973-75; Agr Attache, FAS-USDA, Bonn, Germany 1963-69.
Lang: Ger 1-3-1, Sp 3-3-3.

BERNSTEN, Richard H. 305 Mumford Hall, Dept of Agr Economics, Univ of Illinois, Champaign IL 61820.
Res Asst, Univ of IL (03) 23, 07, 14.
b. 1945 New York; M-2.
BA 1967 Am Univ; Diploma 1970 Univ of Stockholm; MS 1972, PhD 1976 Univ of IL.
Fields: 073, 011, 022, 154.
Prev Emp: Res. Fellow, Intl Rice Res Inst, Los Banos, Philippines, 1974-76; Res Asst, Univ of IL 1970-76.
Lang: Swe 3-3-2, Swahil 2-3-3.
Hon: Ntl Defense Foreign Language Fellowship.

BERRY, Calvin R., Dept of Agr Econ, Univ of AR, Fayetteville AR 72701; PH 501-575-2256.
Professor, Univ of AR (03) 07, 08.
b. 1928 AR; M-1.
1947-49 St College of AR; BSA 1952, MS 1953 Univ of AR; PhD 1958 Purdue Univ.
Fields: 014, 017, 015, 011.
Prev Emp: Assoc Prof, Univ of AR, Fayetteville 1962-67; Asst Prof, Univ of AR, Fayetteville 1957-62; Visiting Prof, Univ of MN, St Paul 1968.
Pub: Status and Benefits of Producer Bargaining, SJAE 1973; A Total Program for Producing and Marketing Milk, AFR 1971.
Hon: Gamma Sigma Delta; Who's Who in Am; American Men & Women of Science.

BERRY, James E., Bay Shore, Marinette WI 54143; PH 715-735-7477.
Assoc Prof, Univ of WI-Marinette (03) 08, 07, 01.
b. 1936 Kentucky; M-3.
BS 1962 Murray St Univ; MS 1964 Univ of KY; 1964-66 NC State; PhD 1974 Univ of KY.
Fields: 014
Prev Emp: Grad Asst, Univ of KY 1966-69; Res Instr, NC State, 1964-66.
Pub: An Economic Analysis of Retail Fertilizer Markets in Northeast Thailand, PhD Thes. Univ of KY 1974; Pricing in Kentucky Fertilizer Markets, JFE, 1965.
Lang: Fr 2-0-0, Thai 0-0-2.
Mbr: SID
Hon: AAEA Award.

BERRY, John Henry, Natl Econ Anal Div, 500 12th Street, Room 246, Washington DC 20250; PH 202-447-8827.
Deputy Dir-NEAD USDA (16) 06, 18, 07.
b. 1935 Indiana; M-2.
BS 1957 Purdue Univ; MS 1965 Univ of IL; PhD 1969 Purdue Univ.
Fields: 014, 011, 013.
Hon: USDA Superior Service.

BERRY, Russell L., Dept of Agr Econ, South Dakota St Univ, Brookings SD 57006.

BESOBRASOW, A. C. 34 Chesham Place, London, England SW1

BESSLER, David A., Univ of CA, Dept of Agr, Davis CA 95616; PH 916-752-1048.
Graduate Student, Univ of CA-Davis (03) 07, 23.
b. 1949 Ohio: M-0.
BS 1971, MS 1973 Univ of AZ.
Fields: 062, 081, 011.
Mbr: ASA, IEA.

BETAKE, Klaus W., Banco-Interamericano de Desaurrollo, Apt Postal 154-A, Quito, Ecuador.

BETTIS, Lee W., 2120 Fyffe Road, Dept of Agr Econ & Rural Soc, OH St Univ, Columbus OH 43210; PH 614-422-2641.
Res Assoc, OH St Univ (03) 23, 07.
b. 1938 Illinois; M-3.
BA 1962 Univ of FL; MA 1966 UCLA; 1969-70 UC-Berkeley; PhD 1976, OH St Univ.
Fields: 070, 020, 062, 066.
Prev Emp: Agr Econ, AID-USAID, Brazil 1970-72; Asst Prog Off, USAID, Ghana and Liberia, 1966-69.
Pub: Agr Credit Allocation Bias in NE Brazil, Inter-Am Econ Review, 1972; Siempre Mas Alto, The Volunteer, 1963.
Lang: Por 2-2-2, Sp 2-1-1.
Hon: Res Associateship - 4 yrs (1972-1976) OH St Univ; Intl Devl Fellow 1964-66 UCLA.

BEVINS, Robert J., Dept of Agr Econ, Univ of MO, Columbia MO 65201; PH 314-882-3328.
Assoc Prof, Univ of MO (03) 09, 07, 08.
b. 1928 Tennessee; M-2.
BS 1949, MS 1955 Univ of TN; PhD 1960 MI St Univ.
Fields: 030, 017, 073, 156.
Prev Emp: Assoc Prof, KS St Univ, 1961-67; Asst Prof, MI St Univ, 1960-61; Ext Econ, Univ of TN, Jackson, 1955-56.
Pub: Taxation to Halt Urban Spread, Jour of Farm Mgrs & Rural Appr, 1975; Defusing Public Decision, Univ of MO Ext Div, 1971; A Systems Evaluation of Missouri Land Use Policy, Bus & Govt Review, 1970.
Lang: Fr 3-0-0, Jap 0-0-3.
Mbr: AEA, CAES, APS.

BHIDE, Shashanka, Dept of Economics, Iowa State Univ, Ames IA 50010.

BIEDERMANN, Konrad, 277 Park Avenue, New York NY 10017; PH 212-826-5445.
Dir of Planning, Continental Grain Co. (51) 15, 07.
b. 1930 Germany; Citz: USA; M-3.
BS 1959, MS 1960, PhD 1965 OH St Univ.
Fields: 015, 014, 094, 113.
Prev Emp: Assoc Div Chf, Battelle Inst, Columbus OH 1966-67; Res Econ, Battelle Inst, 1960-66.
Pub: Regional Loan Rate Differentials for Wheat, The OH St Univ, 1965.
Lang: German; Other: Fr 3-0-0, Sp 3-0-0.
Mbr: NASCP.

BIEKER, Richard F., Dept of Economics, DE State College, Dover DE 19901; PH 302-678-5188.
Professor, DE St College (03) 07, 08.
b. 1944 Indiana; M-1.
BA 1966 Murray St College; PhD 1970 Univ of KY.
Fields: 040, 141.
Prev Emp: Asst Prof, Univ of DE, 1970-73.
Pub: Estimating Educational Production Functions, AJAE, 1973; Cost Rates of Extending Unemployment Insurance to Agriculture, AJAE 1975; Factors Affecting the Hourly Wage Rates of Low Wage Workers, NJAE, 1975.
Mbr: AEA, NAEC.
Hon: Gamma Sigma Delta, Alpha Chi, NDEA Fellow.

BIELEN, Ronald R., 3624 Calumet Ave., Manitowoc WI 54220; PH 414-682-5792.
Loan Officer, Prod. Credit Assoc (52) 17, 20, 22.
b. 1948 WI; M-0.
BS 1970 WI Univ, River Falls; MS 1975 Univ of MD.
Fields: 013, 012, 017.
Prev Emp: Grad Res Asst, Univ of MD, 1973-75; Vo-Agr Instr, Joint School District #1, Blair, WI 1970; Vo-Agr Intern, Independence School District #6, Independence WI 1970.
Hon: Alpha Zeta, Beta Beta Beta.

BIERE, Arlo W., Dept of Economics, KS St Univ, Manhattan KS 66506; PH 913-532-6702.
Assoc Prof., KS St Univ (03) 07, 08.
b. 1941 USA; M-2.
BS 1963 Univ of NE; MA 1967, PhD 1968 Univ of CA-Berkeley; 1963-64 Univ of CA-Davis.
Fields: 016, 032, 021, 081.
Prev Emp: Grad Student, Univ of CA-Berkeley, 1964-68; Grad Student Univ of CA-Davis 1963-64.
Pub: Spurious Cycles in Water Resource Systems, Water Res Bull 1970; A Model for Managing Reservoir Water Releases, AJAE 1972; Undergraduate Program Revisions at Kansas State Univ, AJAE 1973.
Mbr: AEA, Econometric, ASA.

BIGGS, Stephen D., Univ of Sussex, Falmer, Brighton, Sussex, United Kingdom BN19RE; PH OB-R36-6261.
Fellow, Inst of Devl Studies (02) 04, 07, 18.
b. 1941 United Kingdom; Citz: UK; M-1.
BS 1963 Wye College, London Univ; MS 1965 Univ of IL, Urbana; PhD 1974 Univ of CA, Berkeley.
Fields: 073.
Prev Emp: Prog Off, Ford Foundation, Dacca, Bangladesh 1974-76; Res Off, Inst of Devl Studies, Sussex 1970-73; Res Asst, Univ of CA, Berkeley 1966-68.
Lang: Bengali 0-0-3, Sp 3-3-3.
Mbr: AES-UK.

BILLINGSLEY, Ray V., Econ & Soc Comm. for Asia & the Pacific, The United Nations, Bangkok, Thailand 2; PH 829-161.
Dir-Agr Div, The United Nations (ESCAP) (65) 03, 01, 07.
b. 1927 Oklahoma; M-3.
BS 1949, MS 1952 OK St Univ; PhD 1956 NC St Univ.
Fields: 011, 020, 070, 110.
Prev Emp: Prof, TX A&M Univ, 1966-75; Chf-Trade Sect, FAO/UN, Rome 1962-66; Visiting Prof, Univ of Chicago, Rangoon, Burma 1959-62.
Lang: Sp 3-0-3, Fr 3-0-0.
Mbr: AEA, SAEA, SSSA.
Hon: Phi Kappa Phi, Alpha Zeta, Pi Gamma Mu.

BINSWANGER, Hans P., 1290 Avenue of the Americas, New York NY 10019
Assoc, Agr Devl Council (72) 07.
b. 1943 Switzerland; Citz: Switzerland; M-1.
Ing. Agr 1969 Swiss Inst of Tech; PhD 1973 NC St Univ.
Fields: 073, 016, 081.
Prev Emp: Res Assoc, Univ of MN 1972-73.
Pub: The Measurement of Technical Change Biases with Many Factors of Production AER 1974; A Microeconomic Approach to Induced Innovations, Economic Jour 1974; The Role of Sectoral Technical Change in Agricultural Development: Japan 1880-1965, AJAE 1975.
Lang: German; Other: Fr 1-1-1.
Mbr: AEA.

BIRBECK, W. H., 1885 Juno Avenue, Ottawa Ontario Canada K1H 6S6.

BIRD, Alan Ross, Econ Devl Div, ERS-USDA, 500 12th Street SW Washington DC 20250; PH 202-447-9101.
Sr. Economist, ERS-USDA (16) 07, 06, 27.
b. 1926 Australia; Citz: USA; M-4.
BAS 1949, BAS 1952 Univ Queensland, Australia; MS 1956 Univ of Nottingnam, England; PhD 1960 MI St Univ.
Fields: 072, 035, 062, 063.
Prev Emp: Deputy Dir, EDD-ERS-USDA, Washington DC 1967-73; Sr Reg Econ, EDA-USDA, Washington DC 1966-67; Assoc Prof, Univ of MA 1961-63.
Pub: Area Development in Western Democracies, Univ of Guelph 1971; Regional Development Strategies, Southern Reg Sc Assn 1969; Surplus The Riddle of American Agriculture, Springer Pub Co, NY 1962.
Lang: Fr 3-3-3, Ger 3-3-3.
Mbr: NAEC, Exec Comm 1970-76.
Hon: Who's Who in the South, 1956 Fulbright Scholar, 1957 AFEA Award; 1971 J.S. McLean Visiting Prof, Univ of Guelph.

BIRD, Ronald, ERS-USDA, Washington DC 25025; PH 202-447-8200.
Leader, Housing ERS USDA (16) 07, 19, 15.
b. 1921 Idaho; M-1.
BS 1943, MS 1947 Univ of ID; PhD 1962 Univ of MO.
Fields: 034, 039, 025, 135.
Prev Emp: Econ, Agr Finance, USDA, Wash. DC 1951-56; Coop Agent-Mktg, Univ of WV, 1949-51; Econ. St Tax Comm., Boise ID 1947-49.
Pub: Taxes Levied on Farm Property & Methods of Estimating, USDA Bull. 1956; Income Opportunities for Rural Families From Recreation Enterprises, USDA Bull 1965; Status of Rural Housing in the U.S. USDA Bull. 1968.
Lang: Sp 3-0-0, Ger 3-0-0.
Mbr: SAEA, NAS.
Hon: Who's Who in Am; Am Men & Women of Science.

BIRKEY, Ned M., RR2, Box 57, Harmon IL 61042; PH 815359-7582.
Farm Mgr & Oper, Self Employed (75) 21, 23.
b . 1951 Illinois; U.
BS 1973 W. IL Univ.
Fields: 012, 011.
Lang: Fr 3-3-3.
Mbr: IL Agr Association.

BIRTH, A. Kermit, Room 2, Weaver Bldg, PA St Univ, University Park PA 16802; PH 814-865-2561.
Professor, PA St Univ (03) 09.
b. 1921 Pennsylvania; M-1.
BS 1942, MS 1948 PA St Univ.
Fields: 014.
Prev Emp: Voc Agr Teacher, Jonestown Bora Sch Dist, PA 1943-47; Voc Agr Teacher Sugar Valley Joint Sch Dist, Logantown PA 1943-44.
Mbr: Poultry Sci Assoc.
Hon: Epsilon Sigma Phi.

BISHOP, Richard C., 314 Agr Hall, Dept of Agr Econ, Univ of WI, Madison WI 53706; PH 608-262-3653.
Asst Prof, Univ of WI-Madison (03) 07, 08.
b. 1943 California; M-2.
BS 1965, MS 1967 CO St Univ; PhD 1971 Univ of CA-Berkeley.
Fields: 026, 064, 066, 024.
Prev Emp: Asst Res Agr Econ, Univ of CA, Berkeley 1971-73.
Pub: "Common Property" as a Concept in Natural Resources Policy, Natural Res Jour 1975; Limitation of Entry in the U.S. Fishing Industry, Land Econ 1973; Conceptual Issues in Conserving the California Condor 1972.
Mbr: WAEA; AAUP.

BISHOP, Willard R., 303 E Ohio Street, Super Market Inst, Chicago IL 60611; PH 312-467-7150.
V. Pres - Res & Oper, Super Market Inst (53) 04, 07.
b. 1941 New Jersey; M-3.
BS 1963, MS 1965 Univ of ME; PhD 1969 Cornell Univ.
Fields: 015.

BITNEY, Larry L., 223 Filley Hall, Dept of Agr Econ, Univ of NE, Lincoln NE 68503; PH 402-472-3401.
Professor, Univ of NE (03) 09, 07.
b. 1937 USA; M-2.
BS 1958, MS 1965 Univ of NE; PhD 1969 OK St Univ.
Fields: 012, 013, 011.
Prev Emp: Res Asst, OK St Univ 1968; Co Agt, Univ of NE, Freemont NE 1959-63; Labor Mkt Anal, St of NE, Lincoln NE 1958-59.

Pub: An Economic Analysis of Selected Swine Finishing Systems, MS Thesis NE 1965; An Application of Linear Programming to Individual Farm Management, PhD Thesis NE, 1969; Planning an Eastern Nebraska Farm with the Aid of Linear Programming, Univ of NE 1966.
Mbr: WAEA, NE Soc of FM&RA.
Hon: Phi Kappa Phi, Gamma Sigma Delta.

BIVENS, Gordon E., 239 Stanley Hall, Univ of Missouri, Columbia MO 65201.

BIX, Ira N., 1977 York Lane, Highland Park IL 60035.

BJERGO, Allen C., 818 Burlington, Missoula MT 59801; PH 406-329-3251.
Asst Prof, MT St Univ (02) 09, 08, 07.
b. 1935 Minnesota; D-3.
BS 1962 ND St Univ; 1962-63 Royal Agr College, Norway; MA 1964 NM St Univ, Las Cruces; PhD 1970 Cornell Univ.
Fields: 026, 031, 040, 118.
Prev Emp: Dep Chf, Agr USAID, Vietnam, 1967-68; Co Ext Agent, MSU, MT, 1964-66; Farmer, Self-employed, MN 1953-55, 1957-59.
Pub: Farm Family Decision-Making, Cornell Univ 1970; The Bitter Root RC&D, Univ of MT 1971; Tax Impact of Rural Subdivisions, Univ of MT 1975.
Lang: Nor 1-1-1, Ger 2-3-2.
Mbr: WAEA, RSS, CDS.
Hon: Am Men & Women of Science.

BLACK, J. Roy, Dept of Agr Econ MI St Univ, E Lansing MI 48824.

BLACK, William E. 107B Agr Bldg, TX A&M Univ, College Station TX 77843; PH 713-845-8011.
Prof-Econ. TX A&M Agr Ext Serv (03) 09, 11, 18.
b. 1915 OH; M-4.
BS 1938 OH St Univ; MS 1940, PhD 1942 Cornell Univ.
Fields: 014, 017, 015, 095.
Prev Emp: Dir of Mktg, FL Citrus Comm. Lakeland FL 1957-59; Mgr, FL Tomato Comm, Orlando 1955-57; Mgr, Cash Crops Coop, Madison WI 1948-51.
Pub: Grower Canner Pea Contracts in Wisconsin, Agr Exp Sta Univ of WI 1947; Pricing Farm Products: What Does it Take, Perry Foundation, TX 1975; Who Will Control U.S. Agriculture, Univ of IL 1973.
Lang: Sp 3-0-0.
Mbr: AMA-Dir. 1964, FDRS, SAEA.
Hon: Who's Who in America.

BLACKIE, Malcolm J., Dept of Farm Mgmt, Lincoln College, Canterbury, New Zealand; PH H5L-8029.
Lecturer, Lincoln Univ, College of Agr. (03) 07, 14, 08.
b. 1944 Rhodesia; Citz: UK; M-0.
BS 1967 Edinburgh Univ, Scotland; MS 1971 MO Univ; PhD 1974 Nottingham.
Fields: 083, 026, 011, 141.
Prev Emp: Res Asst, Univ of Nottingham, UK, 1971-74; Res Asst, Univ of Columbia MO 1970-71; Land Use Plng Office, Ministry of Agr, Rhodesia 1967-69.
Pub: A Simulation Model for Corn Irrigation, MS Thesis Univ of MO 1971; A Management System for the Pig Enterprise, PhD Thesis Univ of KY 1974; Concept and Application of Skeleton Models in Farm Business Analysis & Planning, AJAE, 1974.
Lang: Fr 3-3-0.
Mbr: TIMS; NZ Operations Res Soc, Comm. Member 1975-76.

BLACKMORE, John, 293 Coffey Hill, St Paul MN 55108; PH 612-373-0747.
Dir-Intl Agr Program, Univ of MN (03) 03.
b. 1913 Washington; M-3.
BS 1937 WA Univ; MS 1938 Univ of MD; MPA 1949, PhD 1955 Harvard Univ.
Fields: 073, 118, 076, 077.
Prev Emp: Head, Dept of Agr Econ, Univ of MA, 1959-64; Chf, Land Use Bureau, FAO, Rome 1955-59; Chf, Agr Econ, TVA, Knoxville 1941-55.
Pub: Economic Analysis of Fertilizer Use Data, Heady & Balm, IA St Press 1956; The Challenge of our Watersheds, Soil Conservation Society of India 1957; Rural Development Lessons of the Past, JFE 1963.
Lang: Fr 1-3-3, Sp 2-3-3.
Hon: Who's Who in America, American Men & Women of Science.

BLAICH, Oswald P., USDA-OMF, Rm 117-A, Washington DC 20005; PH 202-447-6667.
Economist, USDA (23) 19, 18, 06.
b. 1924 Germany; Citz: USA; M-1.
BS 1946 Univ of Manitoba; MS 1955, PhD 1962 Univ of MN.
Fields: 010, 017, 066, 112.
Prev Emp: Chief of Party, R.R. Nathan Associates, Guyana, Afghanistan, 1970-74; Econ, Univ of CA-Berkeley, 1961-62.
Pub: Guyana Agric Sector Study, Washington DC 1974; Vertical Integration in Theory, Thesis Univ of MN 1962.
Lang: Ger 3-0-0, Fr 3-0-0.
Hon: Gamma Sigma Delta.

BLAKE, Martin J., Comptroller Dept, U.S. Army Inst of Admin, Ft Benjamin Harrison IN; PH 317-542-3905.
Instr, U.S. Army (26) 25, 08.
b. 1948 IL; M-0.
BA 1970 St Procoplus College; MA 1972 Univ of MO.
Fields: 081, 014, 141.
Prev Emp: Instr, Vincennes Univ, Continuing Educ Div, Ft Harrison Branch 1975.
Mbr: AEA, Econometric.

BLAKELEY, Ransom A., 9857 N. 300 W. West Lafayette IN 47906; PH 317-463-9107.
Mktg Consultant, Self-Employed (75) 11, 08.
b. 1933 New York; M-4.
BS 1955 Cornell Univ; MS 1959 Univ of MN.
Fields: 090.
Prev Emp: Mktg Spec, Purdue Univ, 1970-75; Res Assoc, Cornell Univ, 1965-69; Mktg Spec, Cornell Univ, 1959-65.
Pub: The Role of Applied Research in Directo-to Consumer Marketing, Purdue Univ 1974; Parking Area Design for Farm Markets, Purdue Univ 1972; Roadside Market Layout, Purdue Univ 1970.
Mbr: ASHS, IN-FMA, Sec Tres 1970- --.
Hon: Phi Kappa Phi, Gamma Sigma Delta, Phi Alpha Chi.

BLAKLEY, Leo V., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Professor, OK St Univ (03) 07, 08.
b. 1920 Oklahoma; M-2.
BS 1942, MS 1947 OK St Univ; PhD 1961, Univ of Chicago.
Fields: 016, 014, 015.
Mbr: SAEA, WAEA.

BLANCHARD, Henri-Paul, Mktg & Trade Div, Sir John Carling Bldg, Ottawa, Canada.
Sr. Econ., Canadian Dept of Agr (10) 23.
b. 1943 Canada; Citz: Canada; M-2.
BS 1965 Laval (Quebec); MS 1968 Manitoba; Certificate of Oper Res 1973 Montreal; PhD 1976 Geneva, Switzerland.
Fields: 112, 156, 080, 111.
Prev Emp: Econ Adv, Quebec Farmers Union, Montreal 1968-73.
Pub: The Use of Linear Programming in Farm Planning, Univ of Manitoba 1968.
Lang: French; Other: Ger 1-2-2, Rus 1-2-2, Sp 1-2-2.
Mbr: AEA, CAES, Ordre des Agronomes du Quebec.

BLANDFORD, David, Dept of Agr Econ, Warren Hall, Cornell Univ, Ithaca NY 14853; PH 607-256-4579.
Asst Prof, Cornell Univ, (03) 07, 08, 09.
b. 1949 United Kingdom; Citz: UK; M-0.
BS 1970 Birmingham, England; MA 1972, PhD Cand., Manchester, England.
Fields: 112, 017, 081.
Prev Emp: Asst Lectr, Manchester Univ, Manchester, England 1973-75.
Pub: Analysis of Buffer Fund Price Stabilization by Export Monolopy Marketing Boards in LDC's, AJAE 1974; Price Uncertainty: The Case for Government Intervention, AJAE 1975.
Lang: Fr 2-3-3.
Mbr: AEA, AES.

BLANK, Uel, 248 Classroom Office Bldg, Dept of Agr & Applied Econ, Univ of MN, St Paul MN; PH 612-376-3433.
Prof, Univ of MN (03) 09, 07, 08.
b. 1921 Missouri; M-2.
BS 1942 Univ of MO, MS 1950 Univ of MN; PhD 1961 MI St Univ.
Fields: 025, 030, 050.
Prev Emp: Assoc Dir, MI St Univ, 1962-66; Ext Econ, Univ of MO 1954-60; Adv, FAS, Middle East, 1953-54.
Pub: Tourism-Recreation in Michigan's U.P. MI St Univ 1967; Minnesota Lodging Industry, Univ of MN 1975.
Lang: Ger 2-3-3.
Mbr: AEA; CDA - Chm Curricular Comm. 1972.
Hon: Who's Who in Midwest, Am Men & Women of Science.

BLASE, Melvin G., 200 Mumford Hall, Dept of Agr Econ, Columbia MO 65201; PH 314-882-7320.
Professor, Univ of MO (03) 07, 08.
b. 1933 Missouri; M-3.
BS 1955, MS 1956 Univ of MO; PhD 1960 IA St Univ; PhD 1971-72 MI St Univ.
Fields: 073, 077, 022.
Prev Emp: Assoc Dir, Intl Prog. Columbia MO 1972-75; Assoc Prof, Univ of MO, 1965-73.
Pub: Institution Building: A Source Book, CA Sage Pub 1973; Institutions in Agricultural Development, IA St Univ Press 1971; Readings in Inter Agr Economic Development, MSS Educ Pub Co, 1970.
Lang: Sp 1-1-1.
Mbr: AEA, SID, SAEA.
Hon: Gamma Sigma Delta, Gamma Alpha.

BLOMO, Vito J., Econ & Mktg Res Div; NMFS-NOAA, Washington DC 20235; PH 202-634-7385.
Ind Econ, NH Marine Fisheries Service, (11) 07, 19, 15.
b. 1948 California; U.
BS 1970 CA St Polytech Univ; MS 1972 TX A&M Univ; 1972 WA St Univ.
Fields: 024, 016, 017, 141.
Prev Emp: Asst Prof, CA Polytech Univ, 1973-75; Res Assoc. TX A&M College Station, 1972-73.
PUB: Utilization of Texas Finfish, TX A&M Univ 1974; Early vs Late Turkey Marketing, Feedstuffs 1973; Seasonal Analysis of Turkey Marketing, TX A&M Univ 1972.
Lang: Sp 1-1-1.
Hon: Gamma Sigma Delta.

BLOOD, Dwight M., Dept of Econ., CO St Univ, Fort Collins CO 80523; PH 303-491-6946.
Prof, CO St University (03) 08, 07.
b. 1932 Wyoming; M-5.
BS 1953 Univ of WY; MS 1955 MT St Univ; MA 1958; PhD 1963 Univ of MI.
Fields: 063, 135, 019, 050.
Prev Emp: Prof 1968-74, Assoc Prof 1965-68; Univ of WY, Laramie; Dir. Div of Bus & Econ Res, Univ of WY 1965-69; Asst Prof, PA St Univ, State College, 1963-65.
Pub: Inland Waterway Transport Policy in the U.S., National Water Commission 1972; The Changing Travel Market, Univ of MI 1964; Transportation in Wyoming, Univ of Wyoming.
Mbr: Econometric, AEA, NTA.
Hon: Who's Who in America; Outstanding Educators in America; American Men & Women of Science; Alpha Kappa Psi, Outstanding Prof. Award, Univ of WY 1974.

BLOOMER, Tom, Rural Route # 6, 5257 Jennings Road, Ann Arbor MI 48105; PH 313-994-6292.
Farmer, Self-Employed, (75) 21, 08, 20.
b. 1947 MI; U.
BA 1969 Univ of MI; MS 1975 MI St Univ.
Fields: 012, 017, 156, 038.
Prev Emp: Farm Employee, Brookwater Farms, Ann Arbor MI 1965-70, 1973-75; Prof. Asst, MI St Univ 1975; VISTA Volunteer, Ft Peck Sioux & Assiniboine Tribe, MT 1970-73.
Lang: Swahili 3-3-3.
Mbr: MI Farm Bureau, MI Vegetable Council.

BLUM, John C., 1735 Eye Street NW, Wash., DC 20006; PH 202-452-8018.
E.A. Jaenke & Assoc (51) 18.
b. 1915 Connecticut; M-3.
BS 1937, MS 1939 Univ of CT; 1941 Univ of WI; 1946 USDA Grad Sch; 1965-66 Intl Coll of Armed Forces.
Fields: 014, 017.
Prev Emp: Assoc Adm, Agr Mktg Serv, USDA Washington DC 1974-75; Dep Adm, Agr Mktg Serv, USDA, Washington DC 1967-74; Asst Dep. Adm. Agr Mktg Service, Wash., DC 1964-67.
Pub: Land Utilization in NH Summer Homes and the Rural Economy, Univ of NH 1942; Subsistence Inspection Programs of DOD and USDA, Intl College of Armed Forces 1966.
Lang: Fr 2-3-3, Ger 3-3-3.
Hon: Who's Who in America; Am Men & Women of Science, USDA Distinguished Service Award 1972, USDA Certificate of Merit 1971, 1974.

BOAKYE, Emmanuel O., PO Box 600, Takoradi, Ghana, West Africa; PH 031-3511.
Reg Mng Western, Agr Development Bank (32) 17, 22, 10.
b. 1943 Ghana; Citz: Ghana; M-2.
BSA 1969 U.S.T. Kumasi, Ghana; Post Grad Cert, 1973, USDA Grad School, Washington DC.
Fields: 013, 073, 071, 077.
Lang: Akan; Other: Eng 1-1-1.
Mbr: E.S. Ghana, Rotary Intl.

BOBST, Barry W. Dept of Agr Econ, Univ KY, Lexington KY 40506; PH 606-257-2766.
Assoc Prof, Univ of Kentucky (03) 07, 08, 22.
b. 1935 Nebraska; M-2.
BS 1957, MS 1961 Univ of NE; PhD 1966 WA St Univ.
Fields: 014, 016, 051, 133.
Pub: Buffalo Marketing Systems in Thailand, The Asiatic Water Buffalo, Taiwan 1975; Location Basis Variability & Slaughter Cattle Hedging, SJAE 1973; Input-Output Approach to Flow of Funds Analysis, SJAE 1969.
Lang: Thai 0-0-3.
Mbr: SAEA, Econometrics.
Hon: Am Men & Women of Science, Gamma Sigma Delta, Phi Kappa Phi.

BODENHAMER, Howard G, 39 Andrew Road, Whippany NJ 07981.

BOEHLJE, Michael D., 167 E Hall, Dept of Econ, IA St Univ, Ames IA 50010; PH 515-294-5436.
Assoc Prof, IA St Univ (03) 07, 08, 09.
b. 1943 Cerro Gordo; Citz: USA; M-2.
BS 1965 IA St Univ; MS 1968, PhD 1971 Purdue Univ; 1967-68 Univ of IA Law School.
Fields: 013, 012, 011, 084.
Asst Prof, OK St Univ, 1970-73.
Pub: A Production-Investment Decision Model of Farm Firm Growth, AJAE 1969; Use of Linear Programming in Capital Budgeting with Multiple Goals. AJAE

1971; Strategies for the Creation and Transfer of the Farm Estate, AJAE 1972.
Mbr: SAEA.
Hon: Sigma Chi, Outstanding Doctoral Thesis; Am Men & Women of Science.

BOEHM, William T., Dept of Agr Econ., VPI & State Univ, Blacksburg VA 24061; PH 703-951-5446.
Asst Prof., VA Polytech & St Univ (03) 07, 08.
b. 1947, Wisconsin; M-1.
BS 1970 Univ of WI, River Falls; MS 1972, PhD 1974 Purdue Univ.
Fields: 014, 015, 016, 017.
Prev Emp: Res Assoc, Purdue Univ, West Lafayette IN 1970-74.
Pub: Household Demand for Dairy Products in South, SJAE, 1975; Job Location and Retail Purchasing, Growth & Change, 1975; Unit Consumer Household and Food Stamp Plan, AJAE 1974.
Mbr: SAEA.
Hon: AAEA Essay Contest Winner 1970; AAEA Speech Contest Winner 1969; Superior Std Merit Award, Purdue Univ.

BOGER, Lawrence L., 438 Adm Bldg, Office of the Provost, MI St Univ, E Lansing MI 48824; PH 517-355-1524.
Act Provost Dean-Agr & Nat Res, MI St Univ (03) 02.
b. 1923 Indiana; M-2.
BS 1947 Purdue Univ; MA 1948; PhD 1950 MI St Univ; 1943-44 Harvard Univ; 1949 Chicago.
Fields: 090.
Prev Emp: Dean MI St Univ 1969-75; Dept Chairman, MI St Univ, 1954-69.
Mbr: Sigma Chi, Phi Kappa Phi, President, MI St Univ 1975-76.
Who's Who in America; American Men & Women of Science.

BOGGS, Kenneth B., Mumford Hall, Univ of Missouri, Columbia MO 65201; PH 314-882-6419.
Professor, Univ of MO (03) 08, 24, 21.
b. 1918 USA; M-3.
AA 1939 AR City Jr College, KS; BSA 1948, MS 1948 OK St Univ; PhD 1961 Univ of WI.
Fields: 141, 012, 014, 016.
Prev Emp: Assoc Prof., OK St Univ 1963-65; Asst Prof, OK St Univ 1954-63; Grad Asst, Univ of WI, Madison 1951-54.
Pub: Opportunities & Limitations for Teaching Economics with Television, Proceedings Summer Work Conference, Athens GA 1968; Goals & Content of Agricultural Economics Curricula, WAEA Proceedings 1964; Costs & Savings of Bulk Milk Tanks on Oklahoma Dairy Farms, OK St Univ Exp Sta Bull 541, 1960.
Lang: Fr 2-3-3, Sp 2-3-3.
Mbr: WAEA, SAEA
Hon: Gamma Sigma Delta, Superior Teaching Award 1973, AAEA Outstanding Undergrad Teaching Award 1975.

BOGLE, T. Roy, Waters Hall Room 344, KS St Univ, Manhattan KS 66506; PH 913-532-5823.
Assoc Prof, KS St Univ (03) 09.
b. 1938 Pennsylvania; M-2.
BS 1960 PA St Univ; MS 1968 OH St Univ; MS 1972 Purdue Univ; PhD 1974 Univ of MO-Columbia.
Fields: 012, 150.
Prev Emp: Area Ext Spec, KS Coop Ext Service, Garden City KS 1973-75; Co Ext Agent, OH Coop Ext Serv, Coshocton OH 1963-70.
Pub: Farm Estate Planning, KS St Univ 1975; Computerized Farm Planning, PhD Thesis, Univ of MO 1974; Careers in Agriculture, MS Thesis, OH St Univ 1968.
Mbr: ASFM&RA, KS Soc FM&RA, SAEA.
Hon: NDEA Fellowship-Purdue Univ.

BOHALL, Robert W., Commodity Econ Div, ERS-USDA, Washington DC 20050; PH 203-447-8771.
Acting Dep Director, CED ERS USDA (16) 06, 07, 18.
b. 1935 New York; M-3.
BS 1958 Cornell Univ; MS 1963 Univ of CT; PhD 1971 NC St Univ.
Fields: 016, 014, 017.
Prev Emp: Prog Leader, CED ERS USDA, Washington DC 1973-75; Agr Econ, ERS-USDA, Washington DC 1959-73.
Pub: Marketing Research Reports, ERS-USDA, Various years; Pricing Performance of the Marketing System for Selected Winter Vegetables, Dissertation, NC ST Univ 1971.
Mbr: OPEDA.

BOHL, Lawrence P., Dept of Agr Econ, Krannert Bldg, W. Lafayette IN 47907; PH 317-494-4574.
Assoc Prof, Purdue Univ (03) 08, 02, 07.
b. 1929 Montana; M-3.
BS 1953 MT St Univ; MS 1967, PhD 1971 Purdue Univ.
Fields: 011, 014, 062.
Prev Emp: Vo-Ag Teacher, Missoula Co High School, Montana, 1956-64; Vo-Ag Teacher, Joliet High School, Montana 1953-56.
Pub: Experimental Gaming-Application to Input Marketing, MI St Univ 1973; An Analysis of the Behavior of Firms Supplying Purchased Inputs to Agriculture: An Experimental Approach, Purdue Univ 1971; Manual for Purdue Farm Supply Center Management Game, Purdue Univ 1969.

Mbr: NEA.
Hon: Sigma Chi, Gamma Sigma Delta, Phi Kappa Phi, Outstanding Purdue Counselor 1973, Outstanding AAEA Undergraduate Teacher 1975.

BOISVERT, Richard N., 314 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-4545.
Asst Prof, Cornell Univ (03) 07, 08, 09.
b. 1944 Florida; M-0.
BS 1966 MT St Univ; MS 1971 Univ of MN.
Fields: 031, 040, 080, 060.
Prev Emp: Res Asst, Univ of MN St Paul, 1966-71.
Mbr: AEA, NAEC.

BOLEN, Kenneth R., 3803 N. Vermilion, Danville IL 61832.

BOLES, James N., 207 Giannini Hall, Univ of CA-Berkeley CA 94720; PH 415-642-3345.
Prof-Dept Chairman, Univ of CA, Berkeley (03) 02, 08, 07.
b. 1920 USA; M-2.
BA 1948 CA St Univ, San Diego; MS 1951, PhD 1955, Univ of CA-Berkeley.
Fields: 081, 083.
Mbr: Econometric, WAEA, ASA.

BOLES, Patrick P., Room 250-GHI Bldg, 500 12th Street, SW, Washington DC 20250; PH 202-447-6363.
Agr Econ, USDA-ERS (16) 07, 21.
b. 1938 Kentucky; U.
BS 1961 Western Kentucky Univ; MS 1963 Clemson Univ.
Fields: 019, 014.

BOLLENBACHER, Arnold L., Agr Div, Bureau of Census, Washington DC 20233; PH 301-763-5819.
Chf of Farm Econ Branch, Agr Div-Bureau of Census USDC, (11) 06, 27.
b. 1934 Kansas; M-0.
BS 1958 KS University.
Fields: 159, 022, 013.
Hon: Fed Statistical Director.

BOLLMAN, Frank Herbert, Room 215-11, Planning Div, Water Resources Dept, 1416 9th Street, Sacramento CA 95825; PH 916-445-8322.
Consultant, Self-Employed (75) 18, 19, 15.
b. 1925 Australia; Citz: Australia; M-0.
BAS 1952 Univ of Queensland; BC 1959 Univ of Melbourne; PhD Agr Econ 1970 Univ of CA-Berkeley.
Fields: 021, 026, 073, 016.
Prev Emp: Dir of Agr Econ, Devl & Res Corp, Sacramento CA 1973-75; Econ, Ntl Water Comm., Washington DC 1970-73; Post Grad Res Econ, Dept of Agr, Univ of CA-Berkeley 1964-70.
Pub: California Water: A Study in Res. Management, Univ of CA Press 1971; Estuarine Pollution: A National Assessment, EPA Document, GPO, June 1976; Economic and Social Measures of Biolog and ClimaticChange, CIAD Mono 6, Sept 1975.
Lang: Sp 2-0-3, Fr 2-0-3.
Mbr: AAAS, CAST, Aus Inst of Agr Sci, Treas. Canberra Br 1957-59.
Hon: Fulbright Travel Award 1960; Commonwealth Public Serv Postgrad Scholarship 1960.

BOLLMAN, Ray D., Agr Div, Statistics Canada, Ottawa, Ontario, CANADA K1Y 3L2 PH 613-994-9989.
Res Econ, Statistics Canada, 07, 06.
b. 1948, Manitoba; Citz: Canada; M-0.
BSA 1970, MS 1971 Univ of Manitoba; PhD 1976 Univ of Toronto.
Fields: 121, 123, 086, 054.
Prev Emp: Res Asst, Univ of Manitoba, Winnipeg, 1970-71.
Pub: Off-Farm Work by Operators of Canadian Census Farms, CFE, 1973; Income Expenditure Relationships & Level of Living, Univ of Manitoba Res Bull, 1972.
Lang: Fr 2-2-3.
Mbr: AEA, CAES, CEA.

BOND, A. Dewey, Box 3556, Washington DC 20007; PH 703-841-1003.
V. President, Am Meat Instit, (53) 04.
b. 1923 Ohio; M-4.
BS 1947 OH St Univ; MS 1948 Cornell Univ; PhD 1953 MI St Univ.
Fields: 015.
Prev Emp: Ex Sec, Ntl Meat Canners Association, Washington DC 1962- --; Dir-Wash. Office, Am Meat Inst, Wash. DC 1956-74; Asst Dir, Am Farm Bureau Fed., Washington DC 1948-50.
Lang: Fr 2-0-0, Ger 3-0-0.
Mbr: NPC Wash. Food Group, Chrmn 1963; Wash. Soc of Assn Exec, Pres 1971-72.
Hon: Who's Who in the South.

BONNEN, James T., Dept of Agr Econ, MI St Univ, East Lansing MI 48824; PH 517-353-9200.
Professor, MI St Univ (03) 07, 08, 02.
b. 1926 South Dakota; M-5.
BA 1948 TX A&M Univ; MA 1950 Duke Univ; PhD 1964 Harvard Univ.
Fields: 017, 088, 066, 032.
Prev Emp: Member, Pres Rur Pov Comm, Washington DC 1966-67; Sr Staff Econ, Pres Council of Econ Adv, Washington DC 1963-65; Resident Tutor, Adams House Harvard, 1951-54.
Pub: Improving Information on Agriculture and Rural Life, AJAE 1975; The Absence of Knowledge of Distributional Impacts, Joint Economic Comm 1969; The Decline of the Agricultural Establishment, AEA Readings in Econ Agr 196

Lang: Sp 2-3-3.
Mbr: AEA, ASA Chrmn Comm on Agr Stat, IAAE.
Hon: President AAEA 1975-76, MI St Distinguished Faculty Award 1972; Outstanding JFE Article of 1965; AAEA Award for PhD Thesis 1957.

BONNER, David M., 20935 Hunt Club Drive, Harper Woods MI 48825.

BOONRUANG, Prem, Dept of Food & Res Econ, Univ of FL, Gainesville FL 32611.
b. 1941 Thailand; Citz: Thailand; M-1.
BS 1967 K.U. Bangkok; MS 1971 UPUA, India.
Fields: 011, 012, 016, 024.
Prev Emp: Lectr, KU Govt, Bangkok, Thailand, presently on study leave; Mktg Anal, IFCT Agency, Bangkok Thailand 1968-69.
Pub: Report on Socio-Econ Condition of Farmers in Luntckhong Land Settlement Project, KU Bongkok 1972; Supply Response for Five Major Oilseed in India, UAAU, India 1971.
Lang: Eng 2-2-2.

BOOTH, Edward Jr., U-63 Univ of CT, Storrs CT 06268; PH 203-486-3022.
Professor, Univ of Connecticut (03) 08, 07.
b. 1921 England; Citz: USA; M-2.
BS 1951 McGill Univ; MS 1955 Univ of CT; PhD 1961 Vanderbilt Univ.
Fields: 062, 081, 043.
Prev Emp: Assoc Prof, OK St Univ, 1956-64.
Pub: Interregional Income Differences, SEJ 1964; Economic Dimensions of Rural Poverty, AJAE 1969; Teacher Ratings: A Numbers Game, Jour Quan & Meth 1974.
Lang: Fr 1-1-1, It 2-3-2.
Mbr: AAAS, Econometrics.
Hon: Am Men & Women of Science, Dir of Am Scholars; NATO Fellow 1962-63.

BORCSOK, Antal, Aptdo Postal 806, Tegucigalpa DC. Honduras, Central America; PH 22-7306.
Grad Student, Univ of FL (78) 23, 07.
b. 1936 Hungary; Honduras; M-1.
BS1956 Univ of Ag Sci; MARMD 1973 Univ of FL.
Fields: 076, 014.
Mktg Econ, FAO-Honduran Govt, Teguo. Honduras 1970-72; Asst Entomologist, Min Nat Resources, Teguo, Honduras 1965-69.
Lang: Hungarian; Other: Sp 1-1-1, Ger 1-1-1, Fr 2-2-2, Eng 2-2-2.
Mbr: AEA, SAEA, Colegio Prof Ciencias Agr.

BORDEAUX, A. Frank Jr., Dept of Agr, Univ of Kentucky, Lexington KY 40506; PH 606-257-3616.
Assoc Prof., Univ of KY (03) 07, 08.
b. 1941 USA; M-2.
BS 1962, MS 1965 NC State Univ; PhD 1969 MI St Univ.
Fields: 017, 032, 022.
Prev Emp: Ag Econ, FPED-USDA, MI St Univ 1967-68; Grad Res Asst, MI St Univ, E Lansing 1965-68.
Pub: Urban Public Service Costs of Rural to Urban Migration, SJAE July 1974; A Brief Assessment of Extension Land Use, AJAE May 1976; Sources of Job Information for Migrants, AJAE July 1973.
Lang: Fr 3-0-0.
Mbr: SAEA, NACTA.
Hon: Am Men & Women of Science, Kellogg Grad Fellowship 1963-64.

BOREL, Charles E., 3737 Govt Str, Alexandria LA 71301; PH 318-448-3421.
Agr Econ, Soil Conservation Service (23) 15, 19, 20.
b. 1934 Louisiana; M-3.
BS 1958 McNeese St Univ; 1965 NC St Univ.
Fields: 021, 026, 038, 011.
Prev Emp: Agr Econ USDA-SCS, Alexandria 1956-76.
Mbr: Resv Off Assoc, V Pres LA St 1975-76.
Hon: Major USAR 21 Years Service, Kellog Stipen 1964-65.

BORGAL, Lorne R., Box 1210, Guelph, Ontario, Canada N1H 6N6; PH 519-821-8000.
Sr. Rep, CANFARM Serv Agency (26) 18, 20, 06.
b. 1949 Canada; Citz: Canada; U.
BX 1971, MS Univ of BC.
Fields: 012, 013, 090.

BORTON, Raymond E., Dept of Agr Bus Mgmt & Intl Agr, CA St Polytechnic Univ, Pomona CA.
Lecturer, CA Polytechnic St Univ (03) 08, 07.
b. 1931 Michigan; M-3.
BS 1954 Cornell Univ; MS 1957 MI St Univ; PhD 1964 MT St Univ.
Fields: 017, 073, 118, 152.
Prev Emp: Council Assoc, Agr Devl Council, NY 1970-75; Agr Econ, Stanford Res Inst, Menlo Park CA 1967-70.
Pub: Irrigation on the Crow Reservation, Bozeman MT 1964; Selected Readings, 2 Volumes, New York 1967; Case Studies, 1 Volume, New York 1968.
Lang: Sp 2-3-2.
Mbr: AEA, SID, WAEA.

BOSECKER, Raymond R., Room 4829, South Bldg, USDA, Stat Reporting Serv, Wash., DC 20250; PH 202-447-9248.
Math Stat, USDA-SRS (22) 07, 22.
b. 1944 Indiana; M-3.
BS 1966 So IL Univ; MS 1968, 1972 OH St U.
Fields: 081.
Mbr: ASA.

BOSTER, Mark A., 760 National Center, Reston VA 22092; PH 703-860-7455.
Tech Info Spec, U.S. Geological Survey (13) 22, 07, 27.
b. 1948 Ohio; M-0.
BS 1970 OH St Univ; MS 1972, PhD 1976 Univ of AZ.
Fields: 020, 021, 026, 025.
Prev Emp: Res Assoc, Univ of AZ, 1973-75.
Pub: Evaluation of Agricultural Adjustment to Irrigation Water Salinity: A Case Study for Piral County, Arizona 1976.
Lang: Sp 2-3-2.
Mbr: WAEA, AAAS.
Hon: Ntl Sc Found Followship.

BOTTUM, Joe C., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-494-4573.
Prof. Emeritus, Purdue Univ (75) 18, 15, 20.
b. 1902 South Dakota; M-2.
BS 1926 SD St Univ; MS 1927 Univ of IL; Hon Dr of Sci 1969 SD St Univ; Hon Dr of Agr 1972 Purdue Univ.
Fields: 017, 012, 018, 031.
Prev Emp: Prog Dir of Comm Devl, Purdue Univ, 1970-71; Hillenbrand Dist Prof, Purdue Univ 1969-71; Asst Head of Dept, Purdue Univ 1946-69.
Mbr: AFM&RA, ACLA.
Hon: Who's Who in Am, Dir of Am Scholars, Leaders in Education, Am Men & Women of Science.

BOTTUM, John S., Ext Service USDA, 14th & Independence Avenue, SW, Washington DC 20250.

BOURKE, Ian J., Mkt Res Center, Massey University, Palmerston North, New Zealand; PH 89099.
Sr. Res Off., Massey Univ (03) 07.
b. 1940 New Zealand; Citz: NZ; M-2.
BAS 1963; MAS 1971 Massey Univ; Dip Bus Adm 1969, NZ Inst of Mgmt.
Fields: 014, 016, 095.
Prev Emp: Lectr in Mktg, Massey Univ, Palmerston NZ 1967-74; Farm Adv (Econ) Dept of Agr, Palmerston North 1965-67; Investigating Officer, NZ Dept of Agr Wellington NZ 1963-65.
Pub: Economic Trends in the Fresh Vegetable Industry, Vegetable & Produce Growers Fed, June 1971.
Lang: Sp 3-0-0.
Mbr: SAEA, NZ Inst of Mgmt, Reg Council, 1972-73.

BOWES, Nicolaas W., Sr, 340D Agr Hall, Dept of Agr Econ, Univ of WI, Madison WI 53705; PH 608-262-3850.
Agr Econ/Asst Prof., ERS USDA Univ of WI (16) 07, 08.
BS 1970 Univ of AZ; MS 1973, PhD 1975 Univ of WI.
Fields: 020, 026, 021, 025.
Lang: Dutch 3-3-2.
Mbr: AEA.

BOWMAN, Austin L., Dept of Ind, Trade & Commerce, 112 Kent Street, Ottawa, Ontario, Canada K1A 0H5; PH 613-996-7871.
Mktg Devl Officer, Grain Mkt Office (11) 06, 11, 18.
b. 1931 Canada; Citz: Canada; M-2.
BS 1962 McGill Univ; MS 1965, PhD 1967 Cornell Univ.
Fields: 014, 017, 151, 046.
Prev Emp: Oper Off. DREE, Ottawa 1972-74; Oper Off, DREE, PEI, 1967-71, Res Asst, Cornell, 1962-67.
Pub: Vitamin B-6 Requirement of the Mink, Ithaca NY 1967; A Strategy for Research in Human Resource Development, Montague PEI 1969; Observations on Two Years of Action Research, Montague, PEI 1970.
Mbr: ASAS, ADSA, CAES.

BOXLEY, Robert F., USDA, 500 12th Street, Washington DC 20250; PH 202-447-4196.
Prog. Leader, ERS-USDA, (16) 06, 07.
b. 1934 Virginia; M-0.
BS 1956, MS 1963, VPI & St Univ; PhD 1969 MI St Univ.
Fields: 020, 022, 026, 033.

BOYER, George K., USAF Academy (DFEGM) CO 80840; PH 303-472-2557.
Assoc Prof, U.S. Air Force Academy (26) 08, 25.
b. 1937 New Jersey; M-3.
BS 1958 CO St Univ; MS 1960, 1970-72 Univ of CA-Berkeley.
Fields: 073, 111, 071, 141.
Lang: Ger 2-3-3, Sp 2-3-3.
Mbr: AEA, WAEA.

BOYKIN, Calvin C., Jr. Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-5635.
Agr Econ, CED-ERS-USDA (16) 07.
b. 1924 New Mexico; M-4.
BS 1949, MS 1956 TX A&M Univ; Summer 1958 Univ of IL; 1961-62 Unic of CA, Berkeley.
Fields: 011, 020, 151, 152.
Prev Emp: Livestock Econ, USAID, Islambad Pakistan, Summer 1973 & 1975; Range Econ, UN-FAO, Tehran, Iran, Summers 1970 and 1971.
Pub: Ranch Prod Adjustment to Drought, New Mexico Agr Exp Sta 1960; Econ & Oper Char of Ranches, TX Agr Exp Sta 1968, 1971, 1972; Econ & Oper Char of Ranches ERS-USDA 1966.
Lang: Sp 2-3-3.
Mbr: AHS, Soc for Range Mgmt, Dir NM Sect 1960.

BOYLESTON, Larry J., College View Apt 12, Clemson SC 29631.

BOYNE, David H., Dept of Agr Econ, OH St Univ, Columbus OH 43210; PH 614-422-7911.
Prof & Chairman, OH St Univ, (03) 02, 09, 07.
b. 1934 Michigan; M-2.
BS 1957 MI St Univ; AM 1960; PhD 1962 Univ of Chicago.
Fields: 017, 060.
Prev Emp: Assoc Prof, MI St Univ, 1965-67; Asst Prof, MI St Univ, 1961-65.
Pub: Changes in the Real Wealth Position of Farm Operators, MI St Univ 1964; Market Structure Variables in the Analysis of Firm Behavior, MI St Univ 1964.
Lang: Ger 2-3-3.
Mbr: AEA, IAAE.
Hon: Who's Who in America, American Men & Women of Science, AAEA PhD Dissertation Award 1963.

BOYNTON, Robert D., Dept of Agr Econ, 16 Chittenden Hall, Michigan St Univ, E. Lansing MI 48824; Ph 517-355-9653.
Grad Res Asst, MI St Univ (03) 23, 07, 09.
b. 1949 California; M-0.
BS 1971, MS 1974 Univ of CA-Davis.
Fields: 014, 011, 093, 084.
Prev Emp: Teaching Asst, Univ of CA, Davis 1973-74; Res Asst, Univ of CA-Davis 1972-73; Cost Anal, State of CA-Bureau of Milk Stabilization, Sacramento CA 1971-72.
Hon: Am Sco of Animal Science-Scholarship Awards 1970-71.

BRADFORD, Garnett L., 306 Agr Sci Center, Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506; PH 606-258-8842.
Professor, Univ of Kentucky (03) 07, 08, 21.
b. 1935 Kentucky; M-2.
BSA 1957, MS 1959 Univ of KY; PhD 1968 NC St Univ.
Fields: 011, 012, 013, 081
Prev Emp: Asst Prof NC St Univ 1960-68.
Pub: Use of a Deviational Form Variable for Alleviating Multicollinearity, CJAE, 1976; Conceptualizing and Quantifying Factors Influencing Growth & Development of Rural Economics, Annals of Regional Science, 1975.
Mbr: SAMRWG, Chrm in 1973; AAFM; SAEA.
Hon: Am Men & Women of Science, Personalities of the South.

BRADFORD, Lawrence A., Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506; PH 606-257-2981.
Professor Emeritus, Univ of KY (03) 08.
b. 1895 Kentucky; M-5.
BS 1917, MS 1939 Univ of KY.
Fields: 012, 011, 017.
Prev Emp: Univ of KY, Lexington 1938-65; Farm Sec Adm, FHA 1935-38; FLB, Farm Loan Association 1922-35.
Pub: Farm Management Teaching, Lippincott 1930; Farm Management Analysis, Wiley, 1952.
Mbr: ICAE; GSW,
Hon: Am Men & Women of Sci, Leaders in Education, Lions Club Man of the Year, Fed Land Bank - 50 years.

BRADLEY, Edward B., 6 Weaver Bldg, Penn St Univ, University Park PA 16802; PH 814-863-0190.
Grad Res Asst, Penn St Univ (03) 07, 23.
b. 1949 Wisconsin; M-0.
BS 1971 Univ of WI; PhD 1976 PA St Univ.
Fields: 020, 030, 080, 060.
Prev Emp: Spec, Univ of WI, Madison 1971.
Pub: Econ Profile of the Fish Hatchery and Bait Industry in Wisconsin, WI Dept of Natural Resources 1971;
Lang: Sp 2-2-2.
Mbr: AEA.
Hon: Alpha Zeta, Gamma Sigma Delta.

BRADLEY, Michael F., Dept of Bus Adm, Univ College, Dublin 4 Ireland; PH 014-694-866.
College Lecturer, Univ College of Dublin (03) 08, 07, 02.
b. 1942 Ireland; Citz: Ireland; M-2.
BA 1967, MES 1969 Univ College of Dublin; PhD 1973 Cornell Univ.
Fields: 095, 014, 112.
Prev Emp: Sr Res Off, Agr Inst, Dublin 1965-74.
Pub: Proposal for Long Term Apple Processing Marketing Contracts, Cornell U. 1973; International Distribution of Beef and Lamb Products, An Foras Taluntais Econ Res Series No 18, Dublin, Ireland 1975; Distribution of Pigmeal Products: Analysis of Alternatives, IR Jour of Agr Econ & Rural Sociology, Vol 5, 1974/75.
Lang: Sp 1-1-1
Mbr: IAES, Mktg Soc of Ireland.

BRADSHAW, R. Carlyle, CANFARM, Box 1024, Guelph, Ontario, Canada N1H 6N1; PH 519-821-8000.
Econ, Agriculture Canada (78) 20, 01, 19.
b. 1932 Canada; Citz: Canada; M-3.
BA 1962 Brigham Young Univ; MS 1967 UT St Univ;1966-68 WA St Univ; 1970-73 OR St Univ.
Fields: 012, 011, 082, 062.
Prev Emp: Res Asst, Or St Univ, Corvallis OR 1970-73; Lecturer, CA Poly Univ, Pomona CA 1968-70; Res Asst WA St Univ, 1966-68.
Pub: Farmer Alternatives to Open Field Burning: An Economic Appraisal, OR St Univ 1971.
Lang: Ger 2-2-2, Fr 2-2-2.

BRAHIM, Ahmed B., c/o El Horry, 25 Rue Aziza Othmana, Mutuelleville, Tunis, Tunisia, Africa.

BRAIN, Kathleen, Tamiami Trail, Miami FL 33199; PH 305-552-2316.
Adj Instr, FL Intl Univ (03) 08.
b. 1946 Illinois; M-2.
1964-66 IA St; BS 1970, MS 1972 WV Univ.
Fields: 062, 063.
Prev Emp: Res Asst, WV Univ, Morgantown WV 1972-73; Instr, Inst. Cultural, Arequipa & Lima Peru 1966-68.
Pub: Interregional Competition in Fr Apple Utilization as Related to Income, WV Univ 1973; Apple Trees are Getting Smaller, WV Univ Agr & For. 1973.
Lang: Sp 1-1-1.

BRAITHWAITE, W. M., Dept of Agr Econ, Univ of Guelph, Guelph, Ontario, Canada.

BRAKE, John R. Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-355-0147.
Professor, MI St Univ (03) 07, 08, 21.
b. 1932 Michigan; M-4.
BS 1955, MS 1956 MI St Univ; PhD 1959 NC St Univ.
Fields: 013, 012, 134, 017.
Prev Emp: Res Asst, NC St Univ, 1956-59.
Pub: Agr Finance Review of Literature, AJAE 1976; Institutional Issues in Small Farmer Credit, USAID 1973; Farm and Personal Finance, Interstate Printers 1968.
Hon: Am Men & Women of Science, Natl Sci Found Fellow 1957-58; Phi Kappa Phi.

BRAND, John P.H., Radcliffe Hicks School of Agr, University of CT, Storrs CT 06268.

BRANDAO, Antonio S.P., 226-14 Married Students Court, W. Lafayette IN 47906; PH 317-494-1021.
Student, Purdue University ,23.
b. 1949 Brazil; Citz: Brazil; M-1.
BA 1971 Univ Fed de Minas Gerais, Brazil.
Fields: 076, 111, 061.
Lang: Portuguese; Other: Eng 1-3-2, Sp 1-3-3.

BRANDOW, George E., Weaver Bldg, PA St Univ, University Park PA 16802; PH 814-865-0467.
Professor, PA St Univ (03) 07, 08.
b. 1913 New York; M-0.
BS 1935, PhD 1939 Cornell Univ.
Fields: 017, 016, 015.
Prev Emp: Exec Dir, NH Comsn on Food Mktg, Washington DC 1965-66; Staff Econ, Joint Econ Comm-Congress, Washington DC 1957; Teach Adv, MUT Sec Agency, Ankara, Turkey, 1953.
Pub: American Agr Capacity, AJAE 1974; Market Power in Food Industry, AJAE 1969; Interrel Demands for Foods, PA Agr Exp Sta Bull 680, 1961.
Mbr: AEA, IAAE, NEAEC.
Hon: Who's Who in America, Fellow & Past President AAEA, Pub of Enduring Quality AWARD-AAEA.

BRANDT, Jon A., Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-1514.
Graduate Student Res Asst, Agr Econ Dept Univ of CA (03) 07, 23.
b. 1947 Ohio; U.
BS 1970, MS 1970 OH St Univ.
Fields: 010, 090, 084, 062.
Lang: Swe 2-2-2.
Hon: Gamma Sigma Delta, Phi Kappa Phi.

BRANNEN, Stephen J., College of Agr, Dept of Agr Econ, Univ of GA, Athens GA; PH 404-542-2481.
Div Chrmn & Dept Head, Univ of GA (03) 02, 07, 08.
b. 1925 Georgia; M-2.
BSA 1950, MS 1952 Univ of GA, PhD 1966 NC St Univ.
Fields: 011, 013, 022, 018.
Prev Emp: Head, Ext Econ Dept, Coop Ext Serv, Athens GA 1958-61; Ext Econ Coop Ext Serv, Athens GA 1953-58; Instr GA Dept of Educ, 1950.
Pub: Cottonseed Prices in Georgia: An Analysis of the Wholesale Marketing Margin, Agr Exp Sta, Athens GA 1974; Georgia Agric and Taxation, Agr Exp Sta, Athens GA 1975; Economic Potential for a Processing Grape Industry in Georgia, Agr Exp Sta, Athens GA 1974
Mbr: IAAE, AAPSS, SAEA, Sec Tres 1959-63
Hon: Am Men & Women of Science, Who's Who in South & Southwest, Personalities of the South, Who's Who in America.

BRANNON, Russell, Dept of Agr Econ, Agr Sci Bldg South, Univ of Kentucky, Lexington KY 40506; PH 606-257-3616.
Professor, Univ of Kentucky (03) 07, 08.
b. 1931 Oklahoma; M-3.
BS 1954 OK St Univ; MA 1958 George Washington Univ; MS 1965, PhD 1967 Univ of WI.
Fields: 073, 118, 047.
Prev Emp: Prof & Chf of Party, Univ of KY/USAID/ Kon Kaen Thailand, 1971-74; Prof & Assoc Dir, Univ of KY, Center for Devl Change, 1968-71.
Pub: The Agricultural Development of Uruguay, Praeger, New York 1968; The Agricultural Development of Argentina, Praeger, New York 1969; Social & Econ Issues Confronting the Tobacco Industry in the Seventies, Univ of KY 1972.
Lang: Sp 1-2-2, Thai 0-0-3.
Mbr: IAAE, SAEA.
Hon: Am Men & Women of Science.

BRANSON, Robert E., Mkt Res Center, Agr Econ Dept, TX A&M Univ, College Station TX 77843; PH 713-845-5911.
Professor, TX A&M Univ (03) 04, 07, 08.
b. 1918 Texas; M-2.
BBS 1941 SMU; MPA 1948, MA 1949, PhD 1954, Harvard Univ.
Fields: 014, 051, 095, 141.
Prev Emp: Assoc Prof, TX A&M Univ, 1955-59; Econ., USDA, Washington DC 1946-55; Econ, OSS, Washington DC 1944-45.
Pub: Food Marketing Efficiency in Puerto Rico, Harvard Univ 1956; Problems and Potentials of Cotton Crop Contracting, TX Agr Exp Sta 1975; Alternative Market Development Strategies for Staple Cotton Company, TX Agr Exp Sta 1975.
Lang: Sp 1-3-3.
Mbr: AEA, AMA, NAPSS.
Hon: Who's Who in America, American Men & Women of Science, Twenty Thousand Men of Achievement.

BRANT, William L., Room 303-D Hutcheson Hall, VPI & St Univ, Blacksburg VA 24061; PH 703-951-5739.
Ext Spec, Farm Mgmt Coor, VA Polytechnic Inst & St Univ (03) 09, 08.
b. 1925 Oklahoma; M-3.
1943-44 Central MO St Coll; 1957 AR Univ; 1959 CO St Univ; BS 1948, MS 1963, PhD 1967 OK St Univ.
Fields: 012.
Prev Emp: Ext Econ, OK St Univ 1966-74; Garfield Co Agt, OK Ext Serv, Enid OK 1957-64; Woods Co Agt, OK Ext Serv, Alva OK 1951-57.
Mbr: ASFM&RA, SAEA.

BRAR, Jagjit S., Dept of Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-1309.
Asst Prof, WA St Univ (03) 08, 07.
b. 1941 India; Citz: USA; M-2.
BS 1960, MS 1966 Panjab Agr Univ, India; PhD OR St Univ.
Fields: 026, 073, 121, 141.
Prev Emp: Asst Prof-Econ, SE LA Univ, Hammon LA 1973-75; Res Assoc, Oregon St Univ, 1972-73; Res Asst, OR St Univ 1970-72.
Pub: Social Subsidies: Environmental Pollution and Disposal of Ag Wastes, SJAE 1973; Costs of Alternative Pollution Control Policies, PhD Dissertation 1972; Darya Di Dosti, A Novel in Hindi, Gyanoday Publishers, India 1974.
Lang: Punjabi; Other: Eng 1-1-1, Hindi 1-3-1.
Mbr: SEA.
Hon: Phi Kappa Phi, USAID (OH St Univ) Mission to India Fellowship 1964-66.

BRATTON, Charles A., 442 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-4580.
Professor, Cornell Univ (03) 09, 07, 02.
b. 1914 Ohio; M-2.
BS 1937 OH St Univ; PhD 1942 Cornell Univ.
Fields: 012, 011, 124, 087.
Prev Emp: Sr Fellow, E-W Center, Hawaii 1968; Fulbright Fellow, Kyoto Univ, Japan, 1959-60; Prof. Univ of Philippines, Los Banos 1952-53.
Pub: Dairy Farm Management Business Summary, Cornell Univ 1975; Management Study of Dairy Farms by Acres Corn Grown for Grain, Cornell Univ 1974; Retirement Plans, Housing and Fringe Benefits for New York Career Farm Workers, Cornell Univ 1974.
Mbr: AAUP, Epsilon Sigma Phi, ASFM&RA.

BRAUN, Dennis D., 801 W Badger Road, Madison WI 53713. PH 608-266-7179.
Econ, WI Dept of Agr (40) 22, 10, 11.
b. 1946 USA; M-0.
BS 1969, MS 1972 Univ of WI, River Falls.
Fields: 014, 016, 015.
Pub: Economics and Geography of Wisconsin Cooperatives, WI Dept of Agr 1976.

BRAUTIGAM, Harry E., 448 Mumford Hall, Dept of Agr Econ, Univ of Illinois, Urbana IL 61801; PH 217-333-2638.
Student-Res. Asst, Univ of IL (03) 23, 07.
b. 1948 Nicaragua; Citz: Nicaragua; U.
BA 1971 Univ of Guadalajara; Post Grad Dip 1973 Univ of Manchester; MA 1974 Univ of Leeds.
Fields: 112, 114, 073.
Lang: Spanish; Other: Eng 1-1-1.
Mbr: IAAE.

BRAY, James O., Stanford Res Inst, Menlo Park CA 94025; PH 415-326-6200.
Sr. Econ, Stanford Res Institute (70) 07.
b. 1920 Indiana; M-3.
BSA 1943, MS 1948 Purdue Univ; AM 1951, PhD 1955 Univ of Chicago.
Fields: 017, 070, 016.
Prev Emp: Res Assoc, Food Res Inst, Stanford 1961-65; Assoc Prof, Univ of Chicago (Chile) Santiago 1956-61; Asst Prof, KS St Univ, Manhattan 1951-56.
Pub: Beef Productivity Increases in S.G.U.S., Food Res Inst Studies, 1966; Tech Changes in Corn Production in U.S. JFE, 1964; Farm Tenancy Production in Agr: The Case of the U.S., FRI Studies IV, No. 1, 1963.
Lang: Sp 1-3-2, Fr 2-0-0.
Mbr: AEA.

BREDAHL, MauryE., 332-E, C.O.B. Univ of MN, St Paul MN 55108; PH 612-376-3560.
Agr Econ, CED-ERS-USDA (16) 07.
b. 1944 USA; M-1.
BS 1966, MS 1968 ND St Univ; PhD 1975 Univ of MN.
Fields: 112, 081, 016, 017.
Prev Emp: Res Assoc, Univ of MN, St Paul, 1974-75; Res Asst, Univ of MN, St Paul 1972-74; Instr, Mankato St College, Mankato MN 1968-71.
Pub: Merchant-Dealer Credit Part II, ND St Univ 1968; Productivity & Allocation of Agr Research, Univ of MN 1975.
Lang: Fr 0-1-0.

BREDO, William, 1301 S. Arlington Ridge Road, Arlington VA 22202; PH 703-979-5666.
President, Bredo Assoc. Inc., (75) 17, 07, 22.
b. 1912 Canada; Citz: USA; M-1.
BA 1942 Univ of Alberta; MS 1943 IA St Univ; MA 1946, PhD 1948 Harvard Univ.
Fields: 035, 073, 117, 065.
Prev Emp: Sr Energy Adv, US Dept of Tres., Washington DC, 1975; Res Dir, Fed Energy Admin, Washington DC 1974; Dir, Intl Devl Center, Stanford Res Inst, Menlo Park CA 1952-73.
Pub: Industrial Estates-Tool for Industrialization, Free Press 1960; Industrial Decentralization in India-India's Urban Future, Univ of CA press 1962; Agrarian Reform in Vietnam: Vietcong & Govt of Vietnam Strategies in Conflict, Asian Survey 1970.
Lang: Ger 1-1-1, Fr 2-0-0, Sp 2-0-0.
Mbr: AEA, AAAS, Intl Platform Assoc.
Hon: Who's Who in America, American Men & Women of Science, Who's Who in the World, Worlds Who's Who in Commerce & Industry; Awards from AMA & AFEA.

BREEN, J. Thomas, Bureau of the Census, Washington DC 20233; PH 301-763-
Spec Asst, Chf DUSD, Bureau of the Census (11) 19, 22.
b. 1916 New York; M-1.
AB 1937, 1937-38 SUNYA; 1942-43 NYU; 1940-41, 1946 USDA Graduate School.
Fields: 081, 083, 018, 108.
Prev Emp: Chf Agr Div, Bureau of the Census, Washington DC 1968-76; Pub Adm Adv (Stat), AID, Manila, Philippines, 1959-61; Customs Liason Officer, Foreig Trade Div Census, 1958-59.
Pub: 1969 Census of Agriculture, Washingt DC 1971-73.
Mbr: ASA, IASS, NAMA.

BREIMYER, Harold F., Dept of Agr Econ, Univ of MO, Columbia MO 65201; PH 314-882-7226.
Prof & Ext Econ, Univ of MO (03) 08, 09, 07.
b. 1914 Ohio; M-1.
BS 1934, MS 1935 OH St Univ; 1935-36 Univ of CA; PhD 1960 American Univ.
Fields: 017, 014, 018, 060.
Prev Emp: Staff Econ, U.S. Agr Mktg Serv, Washington 1954-59, 1961-66; Staff Econ, U.S. Council on Econ Adv, Washington 1959-61; Econ, Bureau of Agr Econ 1939-53.
Pub: Individual Freedom & the Economic Organization of Agriculture, Urbana IL 1965; Economics of the Product Markets of Agriculture, Ames IA 1976.
Lang: Sp 1-3-2, Ger 3-0-0.
Mbr: AEA, IAAE, AMA.
Hon: Am Men & Women of Science, Best Article JFE, 1954, 1957, 1962; Superior Serv, USDA 1954-59, Fellow AAEA 1973.

BREITENLOHNER, Cynthia A., 8405 Snowden LP Court, Laurel MD 20811.

BREWER, Michael F., 2030 M Street NW, Washington DC 20036; PH 202-467-6625.
Fellow, Academy for Contemporary Prob (70) 07, 18, 04.
b. 1929 New York; M-4.
BS 1953 Yale Univ; MS 1955 Univ of MI; PhD 1959 Univ of CA-Berkeley.
Fields: 026, 021, 040, 017.
Prev Emp: Pres. Population Ref Bureau, Washington DC 1974 to date; V. Pres, Res for the Future, Washington DC 1967-74; Dir & Prof, Natural Res Policy Ctr, George Washington Univ 1965-67.
Pub: Public Pricing of Natural Resources JFE, 1962; Alternatives for Recreation Resources Management, Natural Resources Jour, 1966; Economic, Technological and Policy Considerations of Stock Resources, AJAE 1968.
Lang: Fr 2-3-2.
Mbr: AEA, SID, NAM Council, SCA-Director

BREWER, Thomas A., 2 Weaver Bldg, PA St Univ, University Park PA 16802; PH 814-865-2561.
Ext Econ, PA St Univ (03) 09, 08, 07.
b. 1930 New York; M-2.
BS 1958, MS 1960, PhD 1969 Cornell Univ.
Fields: 014, 093, 092, 094.
Prev Emp: Ext Econ, WA St Univ, 1968-72; Lectr, Cornell Univ, 1967; Mktg Spec, Cornell Univ 1964-65.
Mbr: NCSBMD
Hon: Phi Kappa Phi, AIC.

BRINEGAR, George K., Room 309 Chalmers, Univ of IL, Champaign IL 61820; PH 217-333-6104.
Prof-Dir of Intl Prog, Univ of IL (03) 02, 08.
b. 1918, Iowa; M-4.
BE 1940 IL St Univ, Normal; MA 1948, PhD 1952 Univ of Chicago.
Fields: 013, 014, 070, 110.
Prev Emp: Prof, Univ of CT, Storrs 1948-60.
Mbr: AFEA.

BRINK, Lars G., Dept of Agr Econ, Purdue Univ, W Lafayette IN 47907, (03) 23.
b. 1945 Sweden; Citz: Sweden; M-0.
MBA 1968 Gothenburg School, Sweden; MS 1972 Purdue Univ; MA 1973 Agr Coll of Sweden; PhD 1976 Purdue.
Fields: 011, 084, 092, 070.
Pub: A Decision Model for the Starting Business Entrepreneur, Midwest AIDS Conference, 1975; Application of an Expected Return-Risk Criterion in Crop Planning, AJAE, 1975; Methods and Procedures in the Purdue Crop Budget, An Administrator's Guide, Purdue Univ Sta Bull, 1976.
Lang: Swedish; Other: Eng 1-1-1, Sp 2-1-2, Ger 2-2-2.
Hon: Phi Kappa Phi, Gamma Sigma Delta, Fulbright Travel Grant.

BRINKLEY, Lew E., Box LLLL, State Univ AR 72467; PH 501-972-2085.
Asst Prof, AR St Univ (03) 08, 07, 21.
b. 1942 Tennessee; M-2.
BS 1964 Lambuth College; MS 1966, PhD 1969 Univ of TN.
Fields: 014, 013, 101, 060.
Prev Emp: Grad Asst, Univ of TN, Knoxville 1964-69; Quality Control, Heekin Can Co, Cincinnati OH 1963-64; Quality Control, DuPont, New Johnsonville TN 1962.
Pub: Measurement of Efficiency in Egg Marketing, Univ of TN 1969; Family Mobility, Univ of TN 1967; Environmental Impact-Upper Strawberry River Watershed, AR St Univ, 1975.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: ASFMRA.
Hon: NDEA Fellow

BRINKMAN, George L., School of Agr Econ &Ext Educ, Univ of Guelph, Guelph, Ontario, Canada N1G2W1; PH 519-824-4120.
Assoc Prof, Univ of Guelph (03) 07, 08.
b. 1942 Minnesota; M-3.
BS 1964, Ext M 1965 WA St Univ; PhD 1969 MI St Univ.
Fields: 030, 017, 040.
Prev Emp: Asst Prof, KS St Univ, Manhattan KS 1969-73.
Pub: Micropolitan Development, IA St Univ Press 1976; The Development of Rural America, Univ Press of KS 1974.
Lang: Ger 1-2-1, Fr 2-2-2.
Mbr: CDS, CAES.
Hon: Phi Kappa Phi, Alpha Zeta, Omicron Delta Epsilon.

BRITNEY, John B., Box 1024, Guelph, Ontario, Canada N0B 2K0; PH 519-821-8000.
Dir of Res & Devl., CANFARM - Govt Canada (78) 06, 07, 20.
b. 1936 Canada; Citz: Canada; M-2.
BSA 1960 Ontario Agr College; MS 1962, PhD 1964 Purdue Univ.
Fields: 012, 093, 096.
Prev Emp: Assoc Prof, Univ of Guelph, 1965-69; Stat., Canada Packers, Toronto, 1964-65.
Mbr: CAES, AIC.
Hon: Am Men & Women of Science.

BRIZ, Julian E., FORPPA, General Sanjurjo 4, Madrid 3, Spain; PH 448-8000.
Dr. Ingeniero Agr, Ministerio Agr (FORPPA) (21) 18, 08, 07.
b. 1942 Spain; Citz: Spain; M-1.
Ingeniero 1968 Univ Politecnica (Madrid); MS 1970 Univ of MN; Doctorado 1972 Univ Politecnica (Madrid).
Fields: 014, 100, 051, 017.
Prev Emp: Prof. Univ Politecnica, Madrid, 1971-75; Ingeniero, Secretaria G. Tecnica, Madrid 1968.
Pub: Estudio Mercado Cebolla, Rev Estudios Agrisociales 1972; Estudio Mercado Alcohol, Rev Estudios Agrosociales 1974; Politica Precios Agrarios, Rev Estudios Agrosociales 1975.
Lang: Spanish; Other: Eng 1-1-1, Fr 1-1-2.
Mbr: Econ Agr Europeos; Econ Agr y Soc Rur; AIA.

BROADBENT, Emer E., 305 Mumford Hall, Univ of IL, Urbana IL 61801; PH 217-333-1827.
Professor, Univ of IL (03) 07, 08, 11.
b. 1915 Utah; M-5.
BS 1942, MS 1947 UT St Univ; PhD 1950 Univ of IL.
Fields: 014, 071, 112, 073.
Prev Emp: Asst Prof, UT St Univ 1946-47.
Pub: Brazil Soybean Marketing, Univ of IL AERR, 1976; Operational Efficiency of Country Hog Market, U of IL 1971.
Hon: Phi Kappa Phi, Gamma Sigma Delta.

BROCK, Donald E., PO Box 498, El Centro CA 92243.

BROCK, Samuel M., Div of Forestry, WV Univ, Morgantown WV 36506; PH 304-293-2941.
Professor, WV Univ (03) 07, 08, 09.
b. 1933 Illinois; M-3.
BS 1956, MF 1956 Univ of MI; PhD 1963 Univ of MN.
Fields: 023, 026, 062, 064.
Prev Emp: Econ, Bureau of Land Mgmt, Washington DC 1964-65; Asst Prof, Univ of ME, Orono ME 1960-64.
Pub: Social Implications of Laws Regulating Forest Cutting Practices, Jour of Forestry 1975.
Lang: Ger 3-3-3.
Mbr: SAF-Chairman Div of Econ & Policy 1966.
Hon: Am Men & Women of Science; Phi Kappa Phi.

BRODER, Josef M., Dept of Agr Econ, Univ of MI, E Lansing MI 48824; PH 517-353-7898.
Grad Res Asst, MI St Univ (03) 07, 08, 23.
b. 1949 Switzerland; Citz: USA.
BSA 1971 Univ of GA; MS 1973, PhD 1976 MI St Univ.
Fields: 032, 014, 066, 141.
Pub: Selected Impacts of Michigan's 1969 Court Reorganization to Rural Citizens, MS Thesis, MI St Univ 1973; Impacts of Michigan's 1969 Court Reorganization to Rural Resident, MI St Univ 1973; Inflation and Food, MI St Univ 1975.
Lang: Swiss-German 0-0-1, Ger 2-0-3.
Mbr: AJS
Hon: Grad Student Rep to MSU Grad Comm. 1975-76; Outstanding Sr U of GA, 1971.

BRODIE, John D., Dept of Forestry Mgmt, Or St Univ, Corvallis OR; PH 503-754-2796.
Asst Prof, OR St Univ (03) 07, 08.
b. 1938, Canada; Citz: USA; M-0.
BS 1961 Toronto; MS 1963 Syracuse; PhD 1971 Univ of CA-Berkeley.
Fields: 023, 020, 060, 083.
Prev Emp: Asst Prof, Univ of WI, 1970-75; Act Asst Prof, Univ of CA-Berkeley 1969; Econ, Ontario Govt, Toronto 1963-65.

BRODNAX, Henry D., Jr., Box 5426, MS St Univ, Mississippi State MS 39762; PH 601-325-2515.
Ext Econ, MS St Univ (03) 09, 08, 20.
b. 1942 Georgia; M-2.
BS 1964, MS 1966 Univ of GA; PhD 1972 Univ of FL.
Fields: 012, 011, 018.
Prev Emp: Econ, ERS-USDA, Gainesville FL, 1966-72; Res-Asst, Univ of GA, Athens, 1964-66; Trainee, FHA-USDA, GA 1962-63.
Pub: Tax Management Strategies, Univ of FL 1972; Beef and Forage Budgets, Univ of FL 1973; Winter Grazing Calves, MS St Univ 1975.
Lang: Fr 2-0-0.
Hon: Phi Kappa Phi, Alpha Zeta, Gamma Sigma Delta.

BROEHL, Wayne G., Dartmouth College, Hanover NH 03755; PH 603-646-2844.
Professor, Dartmouth College (03) 08, 07
b. 1922 Illinois; M-3.
BS 1946 Univ of IL; MBA 1950 Univ of Chicago; DBA 1954 IN Univ.
Fields: 091, 011, 071, 073.
Prev Emp: Western Electric Co. 1946-48; In Univ 1949-54.
Pub: International Basic Economy Corp, Natl Pl Assoc, 1968; Molly Maguires, Harvard Univ 1964; Precision Valley, Prentice Hall 1951.
Lang: Sp 1-1-1, Tamil 1-1-1.
Mbr: AEA, AHA.
Hon: Who's Who in America.

BROKKEN, Ray F., Dept of Agr & Res Econ, OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Agr Econ, ERS-USDA, (16) 07.
b. 1933 Iowa; M-3.
BS 1958, PhD 1965 IA St Univ.
Fields: 011
Prev Emp: Agr Econ, ERS-USDA, Washington DC 1969-71; Corvallis OR 1965-69; Ames IA 1960-65.
Mbr: WAEA, ASAS, IAAE.

BROMLEY, Daniel W., Dept of Agr Econ, Univ of WI, Madison WI 53706; PH 608-262-3653.
Assoc Prof, Univ of WI (03) 07, 08, 02.
b. 1940 Arizona.
BS 1963 UT St Univ; MS 1967, PhD 1969 OR St Univ.
Fields: 026, 021, 064, 066.
Prev Emp: Econ, Agency for Intl Devl, Washington DC 1974; Econ, USDI, Washington DC 1973-74; Asst Prof, Univ of WI, Madison 1969-72.
Pub: Applied Economics, IA St Press 197 Public Water Project Evaluation, Univ of WI 1971; Implications of National Water Commission, Land Economics 1973.
Lang: Sp 1-2-1.
Mbr: AEA, IAAE.
Hon: Who's Who in America; American Men & Women of Science; Outstanding Sr, UT St College of Nat Res 1963; Outstandin MS Thesis, WAEA 1967.

BRONZI, Piero, PO Box 5008, Amman, Jordan; PH 238-09.
Prog Off, Ford Foundation (72) 04, 07, 18.
b. 1932 Italy; Citz: Italy; M-2.
Doctorate in Agr 1958, Univ of Bari, Italy; MS 1965 Univ of IL.
Fields: 012, 073, 152, 085.
Prev Emp: Prof, Mediterranean Agr Inst, Montpellier, France 1965-70; Expt, Ita/Consult/FAO,Vientiane Laos, 1962-64; Expt, OECD, Sardinia, Italy 1958-62.
Pub: Cartes Pedologiques, Mareoghe, OECD, Paris France 1960; Agricultural Development, Mediterranea, Paris, France 1966; Assoc -Economic Analysi of St Gilles, IAM, Montpellier, France 1969.
Lang: Italian; Other: Fr 1-1-1, Eng 1-1-1.
Mbr: AEA, SIDEA.

BROOKE, Donald L., 1084 McCarty Hall, Univ of FL, Gainesville FL 32611; PH 904-392-1845.
Agr Econ, Univ of FL (03) 07, 01.
b. 1915 Nebraska; D-2.
BS 1940, MS 1942 Univ of FL; PhD 1954 Univ of IL.
Fields: 012, 014.
Prev Emp: Econ, Fl Ext Serv, Gainesville FL 1946; Jr. Stat, Farm Credit Adm, Columbia SC 1941-42.
Pub: Labor & Material Requirements-Vegetable Crops, Florida 1963; Cons Accept Prepackaged Sweet Corn, Florida 1966; Florida Farm Prices, Florida 1972.
Mbr: SAEA, Gainesville Power Squadron.
Hon: Am Men & Women of Science; Who's Who in South & Southwest; Bronze Star USAAF 1945; Annual Res Award, FL 1961.

BROOKS, Bruce L., 423 Mumford Hall, Univ of IL, Urbana IL 61801; PH 217-333-2073.
Professor, Univ of IL (03) 09, 07, 08.
b. 1920 Idaho; M-4.
BS 1943, MS 1950 Univ of ID; PhD 1959 Purdue Univ.
Fields: 090, 093, 095, 094.
Prev Emp: Prof., WA St Univ, Pullman 1956-67; Asst Prof, MT St Univ, Bozeman MT 1950-56; Co Ext Agent, Univ of ID, Moscow ID 1946-49.
Pub: IL Feed Grain Production, Use and Balances, Univ of IL 1975; Financial Analysis of Retail Fertilizer in Illinois 1957-85, Univ of IL,1975; Analysis Politic NW Futures Market for Wheat, WA St Univ 1961.
Lang: Urdu 0-0-3.
Mbr: AMA.
Hon: Who's Who in America; Am Men & Women of Science.

BROOKS, Robert C, PO Box 5576, NC St Univ, Raleigh NC 27607; PH 919-737-2256.
Ext Prof, NC St Univ (03) 09, 08.
b. 1931 North Carolina; M-0.
BS 1956, MS 1958 NC St Univ; PhD 1965 Duke Univ.
Fields: 014, 015, 016, 018.
Prev Emp: Ext Assoc Prof, NC St Univ, Raleigh NC 1967-72; Ext Asst Prof, NC St Univ, Raleigh, 1965-67.
Pub: Labor Efficiency in Poultry & Processing Plants, NC St Univ 1975; Designing an Efficient Egg Products Processing Plant, ARS-USDA, 1974; Egg Breakage in Marketing and Processing Eggs in North Carolina, NC St Univ 1970.
Lang: Fr 3-3-3, Ger 3-3-3.

BROOKS, T. L. Jr., Florida Citrus Comm. 1104 McCarty Hall, Univ of FL, Gainesville FL 32611.

BROUGH, Owen Jr., The Ford Foundation, Box 2379, Beirut Lebanon.
Dir, ALAD Prog, Ford Foundation (72) 03, 04, 18.
b. 1916 Utah; M-2.
BS 1946, MS 1947 UT St Univ; PhD 1950 IA St Univ.
Fields: 011, 014, 017, 021.
Prev Emp: Prog Adv Agr, Ford Found., Middle East 1965-72; Prof, WA St Univ, 1950-65; Asst Prof, IA St Univ, 1949-50.
Pub: Objective Grade Specifications for Slaughter Barrow and Gilt Carcasses, IA Agr Exp Sta Res Bull 421, January 1955; Columbia Basin Land-Relative Productivity and Income, WA Agr Exp Sta Bull 570, October 1956; Customer Acceptance of Fat Characteristics of Beef, A Study of Household Buying, Spokane WA 1955, WA Agr Exp Sta Tech Bull 27, July 1958.
Lang: Fr 3-0-0.
Mbr: WAEA.
Hon: Intl Who's Who, Dir of Am Scholars, Am Men & Women of Science.

BROWN, David W., 302 Morgan Hall, Univ of TN, Knoxville TN 37916; PH 615-974-7231.
Intl Professor, Univ of TN (03) 07, 08, 22.
b. 1931 Connecticut; M-2.
BS 1953 Univ of CT; MS 1954 Cornell Univ; PhD 1956 IA St Univ.
Fields: 073, 040, 017, 091.
Prev Emp: Party Chf/Adv, IA AID Team, Peru, 1963-66; Asst to Dean of Agr, TX A&M Univ, Coll Sta TX 1962-63; Vis. Prof, Univ of Malaya 1958-60.
Pub: Rural Devl from a Decision-Making Perspective, Intl Devl Review 1975; Hard Choices for Technical Assistance Experts Focus-Tech Cooperation 1972.
Lang: Sp 2-3-2.
Mbr: SID, IAAE.
Hon: Alpha Zeta, Gamma Sigma Delta, Am Men & Women of Science; Who's Who in Southwest.

BROWN, Dean A., 225 Touhy, Park Ridge IL 60068; PH 312-696-2015.
Dir-Prod & Oper, Am Farm Bureau Serv Co, (51) 17, 11, 15.
b. 1923 Iowa; M-2.
BS 1948, MS 1958 IA St Univ.
Fields: 093, 012, 087, 096.
Prev Emp: Dir-Farm Records, AFB, Chicago IL 1963-73; Asst Prof, Univ of NE, 1957-63; Area Farm Mgmt Spec, IA St Univ Ext, Ames IA 1956-58.

BROWN, Donald G., Kigali-Dept of State, Washington DC 20520.
Proj Mgr, USDA-AID, (24) 22, 18.
b. 1940 Utah; M-1.
BS 1963 WA St Univ; MS 1975 Univ of MN.
Fields: 014, 077, 017.
Prev Emp: Instr, Univ of MN, St Paul 1971-74, Assoc Dir/Agr, Peace Corps, Rabat, Morocco, 1968-70.
Lang: Sp 2-3-2, Fr 1-1-1.

BROWN, Jacob A., 121 John Mitchell Bldg, Univ of Saskatchewan, Sask, Canada, S7NOWO; PH 306-343-5188.
Prof-Dean of Agr, Univ of Saskatchewan, (03) 02, 07.
b. 1926 Canada; Citz: Canada; M-0.
BSA 1951 Univ of Sask; MS 1953 Univ of ND; PhD 1964 Univ of MN.
Fields: 017, 011, 013, 012.
Prev Emp: Dir of Econ & Stat Branch, Sask Dept of Agr, Regina 1964-67; Dir of Res & Plng, Sask Dept of Agr, Regina 1961-63; Dir of Farm Mgmt, Sask Dept of Agr, Regina 1957-60.
Pub: Farm Tenure in Sask, Univ of Saskatchewan 1971; Study of Growth of Service Centers, Univ of Saskatchewan 1975; Study of Private Company Farms in Sask, Univ of Saskatchewan 1973.
Lang: Ger 2-2-0.
Mbr: CAES, Pres. 1972-73; IAAE, Dir Can Br 1972-74; ARWA.
Hon: Phi Kappa Phi, Gamma Sigma Delta, ECC.

BROWN, Phillip F., Room 550 GHI Bldg, 500 - 12th Street SW, Washington DC 20250; PH 202-447-8686.
Agr Econ, Farmer Coop Service (19) 17, 22, 07.
b. 1937 Colorado; M-3.
BS 1959 CO St Univ; MS 1963 Univ of MD.
Fields: 014, 094.
Prev Emp: Agr Econ, ASCS/USDA, Washington DC 1965-66; Volunteer, Peace Corp, Cominican Rep 1963-64.
Pub: Central Carolina Farmers, FCS-USDA 1975; Cooperative Fish Marketing, FCS USDA 1976; Feasibility of Centralized Peach Packing in MO, FCS-USDA 1975.
Lang: Sp 2-2-2.

BROWN, R. Edward Jr., Coop Ext Serv, Univ of GA, Athens GA 30602; PH 404-542-2434.
Assoc Prof, Coop Ext Serv, Univ of GA (03) 09.
b. 1935 North Carolina; M-2.
BS 1957 NC St Univ; MS 1962 OK St Univ; PhD 1970 Purdue Univ.
Fields: 012, 011, 013.
Prev Emp: Asst Co Agt, NC St Univ, 1958-60.
Mbr: ASFMRA, Dir 1973-present; GA SFMRA, Sec/Tres.
Hon: Distinguished Service Award, GA SFMRA.

BROWN, Richard N. Jr., Room 465 GHI Bldg 500 - 12th Street SW, Washington DC 20250; PH 202-447-8366.
GS 13-5 Econ, ERS-USDA-EDD (16) 07, 11,
b. 1932 New York; M-2.
BS 1954 Cornell Univ; MS 1960 PA St Univ 1960-62 WI Univ.
Fields: 070, 020, 030, 159.
Prev Emp: GS 13 Econ, EDD ERS USDA, Washington DC 1972-74; GS 13 Agr Econ, NRED ERS USDA, Washington DC 1966-72; GS 11 Intl, FDTD ERS USDA Washington DC 1962-66.
Pub: Econ Impact of 2nd Home Communities, Washington DC 1970; Meat Impor Prospects of EEC, Washington DC 1964; Conservation Reserve in Wisconsin, Madison, 1961.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: IAAE, OPEDA, AHCA, Pres 1975-76.

BROWN, Robert A., Dept of Agr Econ, 308 Agr Hall, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Grad Asst, OK St Univ (03) 23, 07.
b. 1953 Oklahoma; U.
BS 1975, MS 1976 OK St Univ.
Fields 014.

BROWN, Robert C., USDA-FCS, Washington DC 20250.
Sr Agr Econ, USDA-FCS (19) 22, 07.
b. 1926 California; M-2.
BS 1949 Univ of CA; MPA 1952, PhD 1957 Harvard, 1967/68 Stanford.
Fields: 073, 013, 021, 113.
Prev Emp: Sr Econ, Stanford Res Inst, Menlo Park 1959-71; Credit Anal, Wells Fargo Bank, San Francisco CA 1955-59.
Lang: Fr 2-2-2, Sp 2-0-2.
Mbr: AEA.

BROWN, Thomas G., 201 Mumford Hall, Univ of MO, Columbia MO 65201; PH 314-882-2019.
Professor, Univ of Missouri (03) 09, 02.
b. 1926 Missouri; M-4.

BS 1949, MS 1957 Univ of MO; PhD 1967 NC St Univ.
Fields: 012, 013, 014, 018.
Prev Emp: Co Agent, Univ of Missouri 1949-57; Farmer, Self-Employed, Missouri, 1951-52.
Pub: Monthly Foresight Column, Missouri Ruralist, 1960-76; Financing Capital Requirements for Young Farmers, Jour of Am Soc Farm and Rural Appr 1975; Estimating the Production Potential of Selected Vegetable Crops in SE Missouri, NC St Univ 1967.
Mbr: ASFMRA, Alpha Zeta, Epsilon Sigma Phi.
Hon: Who's Who in America; American Men & Women of Science; MO Outstanding Ext Worker.

BROWN, William A.N., Dept of Agr Econ, Univ of Manitoba, Winnipeg, Canada R3T 2N2; PH 204-474-9309.
Student - Res Off, Univ of Manitoba, (03) 23, 07, 19.
b. 1947 New Zealand; Citz: NZ; M-0.
BAS 1969, MAS 1972 Univ of Cant., NZ.
Fields: 035, 020, 033, 012.
Prev Emp: Sr Econ, W.D. Scott & Co., Adelaide, Australia 1971-74; Res. Off, Univ of Canterbury, Christ Church, NZ 1971.
Lang: Fr 3-3-3.
Mbr: AEA, AIAS, NZIAS.

BROWN, William G., Ext Hall 219, Dept of Agr & Res Econ, OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Professor, OR St Univ (03) 07, 08.
b. 1924 Kansas; D-2.
BS 1950 KS St Univ; MS 1953; PhD 1955 IA St Univ.
Fields: 011, 081, 025, 024.
Prev Emp: Visiting Prof, TX A&M, USAID, Argentina 1969-70; Prof., OR St Univ Corvallis 1965-69, Asst Assoc Prof., Or St Univ, 1955-65.
Lang: Sp 2-3-2.
Mbr: ASA, Econometric.

BROWN, William G., Ext Hall 219, Dept of Agr & Res Econ, OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Professor, OR St Univ (03) 07, 08.
b. 1924 Kansas; D-2.
BS 1950 KS St Univ; MS 1953, PhD 1955 IA St Univ.
Fields: 011, 081, 025, 024.
Prev Emp: Visiting Prof, TX A&M-USAID, Argentina 1969-70; Prof, OR St Univ, 1965-69; Asst Assoc Prof, OR St U. 1955-65.
Lang: Sp 2-3-2.
Mbr: ASA, Econometric.
Hon: Am Men & Women of Science, Phi Kappa Phi, Award of Merit for Published Res. 1956, 1972.

BROWNING, Shirley C., Dept of Econ, Univ of NC, Asheville NC 28801; PH 704-258-0200.
Asst Prof - Econ, Univ of NC (03) 08, 02.
b. 1939 Kentucky; M-2.
BS 1964, MS 1967 Univ of KY; PhD 1971 Univ of CT.
Fields: 060, 026, 070, 111.
Pub: Optimal U.S. Grain Storage Policies in Relation to Foreign Aid Requirements, PhD Thesis; Demand Functions for Farm Labor in Four Areas of Kentucky, MS Thesis.
Mbr: AEA, AAUP.
Hon: Gamma Sigma Delta, Am Men & Women of Science, Omicron Delta Epsilon.

BROWNSCHIDLE, Terry N., 306 Weaver Bldg. PA St Univ, University Park PA 16802.

BROWNSCOMBE, P., 16 Romford Road, Epping, NSW, Australia.

BRUCKER, Maurice H., PO 5000, Vancouver, BC, Canada V6B 4A8; PH 604-277-2212.
Proj. Anal, British Col Packers (51) 15, 17, 10.
b. 1942 USA; M-0.
BS 1964 Univ of IL, MS 1967 Cornell Univ, PhD 1973 Univ of IL; MBA 1975 MI St Univ.
Fields: 015, 094, 013.
Prev Emp: Econ, MI PSC (Utility Reg) Lansing MI 1974-75; Econ, CANFARM, Guelph, Ontario 1973-74; Econ. Bureau of Comm. Fisheries, Washington DC 1968-69.
Pub: The Mexican Pineapple Industry, MS Thesis, Cornell Univ 1967; A Retirement Planning System, PhD Thesis, Univ of IL, 1973.
Lang: Sp 2-2-3.
Mbr: AEA.
Hon: Alpha Zeta, Gamma Sigma Delta.

BRUECK, David A., Box 1178, San Jose CA 95108; PH 408-289-2423.
Mgr-Agr & Econ, FMC Intl. (50) 20, 11, 14.
b. 1925 Iowa; M-2.
BS 1949 IA St Univ; MBA 1967 Univ of AZ.
Fields: 012, 093, 084, 118.
Prev Emp: Mngr, Econ & Agr, FMC Intl, San Jose CA 1972- --; Chmn, Inst of Agr Bus, SMU, Dallas TX, 1969-72; Ext Econ, Univ of AZ, 1963-69.
Pub: ERTS Satellite Imagery Use on 20 Year Animal Protein Plan for Iran, IBM Symposium, NASA, Houston TX 1976; Animal Protein Plan for Iran, FMC International 1975; Gathering Machinery Management Information Through an Accounting System, ASAE, Minneapolis MN 1970.
Mbr: IAAE.

BRUNK, Max Edwin, 307 Warren Hall, Dept of Agr, Cornell Univ, Ithaca NY 14853; PH 607-256-4594.
Professor, Cornell University (03) 08, 07, 09.
b. 1914 New Mexico; M-2.
BS 1938, Univ of FL; MS 1941, PhD 1947 Cornell Univ.
Fields: 014, 017, 018, 019.
Prev Emp: Pres. Eastern Mktg Res Serv, Ithaca NY 1954 - --.

BRUNTHAVER, Carroll G., 2185 Democrat Road, Memphis TN 38116; PH 901-396-3600.
Corp. V. President, Cook Ind Inc. (51) 05, 07, 10.
b. 1932 Ohio; M-2.
BS 1954, MS 1959, PhD 1960 OH St Univ.
Fields: 016, 017, 018.
Prev Emp: Sr Fellow, Brookings Inst, Washington DC 1974; Asst Sec. USDA, Washington DC 1972-74; Assoc Res Dir, COMCO, Memphis TN 1966-69.

BRYANT, W. Keith, Consumer Econ & Pub. Policy, Cornell University, Ithaca NY 14853; PH 607-256-2238.
Professor, Cornell Univ (03) 08, 07.
b. 1934 Canada; Citz: Canada; M-2.
BS 1957 Univ of Guelph; MS 1960, PhD 1963 MI St Univ.
Fields: 050, 040, 120, 081.
Prev Emp: Prof, Univ of MN, St Paul 1963-74; Visiting Prof. Univ of WI, Madison 1970-71.
Lang: Fr 2-3-3.
Mbr: AEA, PCS, ACCI.
Hon: AAEA MS Thesis Award 1960.

BUCCOLA, Steven T., Dept of Agr Econ, VPI& S.Univ, Blacksburg VA 24060.
Asst Prof, VPI & St Univ (03) 07, 08.
b. 1944 California; M-0.
BA 1966 St Mary's College of CA; MS 1972, PhD 1976 Univ of CA-Davis.
Fields: 010, 073, 092, 093.
Prev Emp: Res Asst, Univ of CA-Davis, 1972-76; Coffee Devl Off, Malawi Ministry of Agr, Peace Corps, Rumpi, Malawi, 1967-69.
Lang: Sp 2-0-2, Fr 2-0-0, Tumbuka 0-0-1.

BUCHANAN, Mark T.,331 University Hall, 2200 University Ave, Univ of CA-Berkeley CA 94720; PH 415-642-3507.
Dir at Large, W. Assoc of Agr Exp Sta (03) 01, 18, 19.
b. 1915, Missouri; M-3.
BS 1937 Univ of MO; PhD 1940 Cornell Univ.
Fields: 115, 131, 135, 136.
Prev Emp: Dir, Agr Exp Sta, WA St U. 1946-47; Chf of Party, WSU-Univ of Punjab, Lahore, Pakistan, 1956-58. V. Dir Inst of Agr Sci, WSU 1946-56.
Pub: Price Flexibility and International Price Movements, Thesis & Abstracts 1940-41; The Marketing of Washington Apples, WA St Univ Bull Parts I & III 1942; Research Planning Needs and Opportunities, Agr Sci Review 1972.
Lang: Urdu, 0-0-3, Fr-Ger 3-0-0.
Mbr: AAAS, ARI Board Member 1960-62.
Hon: Sigma Chi, Who's Who in America, Intl Who's Who, American Men & Women of Science.

BUCHER, Robert F., MT St Univ, Bozeman MT 59715; PH 406-994-3404.
Mgmt Info Office, MT Coop Ext Service (03) 04.
b. 1920 USA; M-0.
BS 1943, MS 1962 MT St Univ.
Fields: 012, 011.
Prev Emp: Ext Econ, MT St Univ, Bozeman MT 1966-74; Co Ext Agent, Yellowstone, Billings MT 1959-66.
Mbr: ASFMRA.

BUCHHOLZ, H. E. Bundesalleeso 33, Braunschweig, Germany.
Prof, Dr., FAL (78) 07.
b. 1933 Germany; Citz: Germany; M-2.
PhD 1965 Univ of IL.
Fields: 016, 015, 017, 018.
Prev Emp: Dir, Agr Mkt Res Inst. Braunschweig, 1967 to date.
Lang: German; Other: Eng 1-2-2, Fr 2-3-2

BUCK, John T., Dept of Agr Econ, VPI & St Univ, Blacksburg VA 24061; PH 703-951-6107.
Prof, VPI & St Univ (03) 07.
b. 1918 Kentucky; M-2.
BS 1938 Western Ky Univ; MS 1947 Univ of KY; PhD 1951 Univ of MN.
Fields: 014, 013, 016.
Prev Emp: Res Fellow, Univ of MN, St. Paul 1950; Voc Agr Instr. Henderson Co School, KY 1940-42; Voc Agr Instr, Webster Co School, KY 1938-40.
Pub: Virginia Agri: 1985 Projections of Agr Production, VPI & St Univ 1976; Costs & Efficiency of Egg Mktg by Virginia Producers-Processors, VPI & St Univ 1973; Virginia's Broiler Industry, VPI & St Univ 1966.
Mbr: SAEA.
Hon: Am Men & Women of Science, Who's Who in the South and Southwest.

BUCK, Robert K., Route 1, Waukee IA 50263.

BUCKLEY, Glen N., 4400 SW 20th Avenue #5 Gainesville FL 32608.

BUDDEMEIER, W. D., 3004 Meadowbrook Cour Champaign IL 61820.

BUDHAKA, Boonkerd, Div of Agr, Bangkok, Thailand; PH 790-910.
Agr Econ, Thai Government (26) 07, 06.
b. 1942 Thailand; Citz: Thailand; M-2.
MS 1975 IA St Univ.
Fields: 011, 012, 021.
Lang: Thai; Other: Eng 2-2-2.

BULL, Alvin F., Farm Progress Pub, 2001 Spring Road, Oak Brook, IL 60521.

BULL, Leonard L., 303 Manly Miles Bldg, 1405 S Harrison Road, E Lansing MI 48824; PH 517-355-1772.
Proj Leader, ERS-USDA, (16) 07, 18, 08.
b. 1939 Iowa; M-1.
BS 1961, MS 1966 Iowa St Univ; MA 1968, PhD 1971 Univ of WI.
Fields: 026, 025, 038, 021. Mbr: AEA.

BULL, Robert K., 150 S Wacker Drive, Chicago IL 60606.
Agr Econ, Harza Engineering Co (51) 22, 15.
b. 1927, Colorado; M-3.
BS 1951 CO A&M; 1959 CO St Univ; MS 1971 NM St Univ.
Fields: 021, 011.
Prev Emp: Agronomist, IECO, Peru 1967-69; Soil Scientist, Parsons Saudi Arabia, 1965-67; Agronomist, IECO, E Pakistan 1962-65.
Lang: Sp 2-2-2.

BULLER, Orlan, Dept of Econ, KS St Univ, Manhattan KS 66502.
Assoc Agr Econ, KS St Univ (03) 07, 08.
b. 1927 Kansas; M-2.
BS 1958, MS 1959 KS St Univ; PhD 1965 MI St Univ.
Fields: 012, 011, 016, 081.
Prev Emp: Grad Res Asst, MI St Univ, 1959-63; Farmer, Self-Employed, KS 1955-58.
Pub: Influence of Research and Policy on Crop Yield in Kansas, KS Agr Exp Sta 1972; Supply and Demand Analysis of Major Crops & Livestock Comm, KS Agr Exp Sta, 1974; Field Work Days in Kansas, KS Agr Exp Sta 1975.
Mbr: AEA.
Hon: Who's Who in America.

BULLION, George W.M., 2101 E Coliseum Blvd, Fort Wayne IN 46825; PH 219-482-5266.
Assoc Prof, IN Purdue Univ, Fort Wayne (03) 02, 08, 07.
b. 1941 Tennessee; M-2.
1959-60 Freed-Hardeman College; BS 1963, MS 1965 Univ of TN; PhD 1970 Purdue Univ.
Fields: 014, 061, 135.
Prev Emp: Econ, USDA-ERS, Washington DC 1968-71; Instr, TN Tech Univ, Cookeville, TN 1965-66.
Pub: Costs of Processing Snap Beans for Freezing in Tennessee, MS Thesis, 1965; Estimation of Regional Demand Elasticities for Whole Milk, PhD Thesis 1970; Adoption of CAGIT:ALLEN Co: A Case Study, Ind Bus Rev. 1975.
Lang: Fr 0-3-0.
Mbr: AAUP, AEA.

BULLOCK, J. Bruce, Dept of Econ, NC St Univ, Raleigh NC 27607; PH 919-737-2612.
Assoc Prof, NC St Univ (03) 07, 08.
b. 1940 Oklahoma; M-3.
BS 1962, MS 1964 OK St Univ; PhD 1968 Univ of CA-Berkeley.
Fields: 014, 016, 062, 081.
Prev Emp: Agr Econ, ERS, Washington DC 1964-68.
Pub: An Application of Statistical Decision Theory to Cattle Feedlot Marketing, AJAE 1970; Implication of Uncertainty for Measurement of Efficiency, AJAE 1975; Economic Evaluation of Alternative Peanut Policies, NC Econ Res Dept, 1975.
Mbr: AEA, SAEA.

BUNGUDU, Lawal M., Dept of Agr Econ, Ahmadu Bello Univ, PMB 1044, Samara, Zaria, Nigeria.

BUNKER, Arvin R., NEAD-ERS-USDA, Washington DC 20250; PH 703-447-6363.
Agr Econ, ERS-USDA (16) 07.
b. 1946 Arizona; M-3.
AS 1968 Ricks College; BS 1970 AZ St Univ; MS 1974, PhD 1976 Univ of IL.
Fields: 019, 014, 015, 011.
Prev Emp: Res Asst, Univ of IL, Urbana, 1971-74; Res Asst, AZ St Univ, Tempe AZ 1968-70.
Pub: Impact of Rail Line Abandonment, PhD 1975 Univ of IL, (Thesis).
Lang: Sp 2-2-2.

BUNKERS, E. W., 7206 Maryland Street, St. Louis MO 63130.

BUONGIORNO, Joseph, Forestry Dept, 126 Russel Labs, Univ of WI, Madison WI 53706; PH 608-262-0026.
Asst Prof, Univ of WI (03) 07, 08.
b. 1944 France; Citz: France; M-2.
Ingenier 1967 Ecole Sup. Bois, Paris; MS 1969 St Univ of NY; PhD 1971 Univ of CA-Berkeley.
Fields: 023, 073, 084, 081.
Prev Emp: Forestry Off, UN-FAO, Rome, 1971-75.
Pub: An Econ Model for Selecting Doug-Fir Refor Projects, Hilgardia 42 (3) 35-120, 1973.
Lang: French; Other: Eng 1-1-2, Ita 1-2-1.
Mbr: AEA, IMS
Hon: Fulbright Scholarship to US 1967.

BURGER, Veit, 422 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-2299.
Grad Res Asst, Cornell Univ (03) 23.
b. 1944 Austria; Citz: Aus-Ger; M-2.
DkPm 1970 Hochschule fur Welthandel, Vienna; PhD 1976 Cornell Univ.
Fields: 073, 118, 085, 033.
Lang: German; Other:Eng 1-1-1, Fr 1-1-2.
Mbr: Nepal Studies Assoc; Inst for Nepal & Asian Studies.

BURKE, Gerald M., Box 3-G, New Mexico St Univ, Las Cruces NM 88003.

BURKE, Ronnie L., Dir Comm Devl, Glenville St College, Glenville WV 26351; PH 304-462-7361.
Asst Prof, Glennville St College (03) 02, 07, 08.
b. 1942 West Virginia; M-1.
1959-61 Glenville St College; BS 1963, MS 1965 WV Univ; PhD 1970 Univ of MN.
Fields: 030, 020, 014, 062.
Prev Emp: Res Fellow, Univ of MN-USDA, St Paul, 1966-70; Agr Econ, USDA-ERS, Washington DC 1965-66; Teaching-Res. Asst, Univ of WV, Morgantown WV 1964-65.
Pub: Characteristics of Beef Cattle Feedlots, Washington DC 1968; Retailing Agricultural Specialties, Morgantown WV 1965; Small Greenhouse & Greenhouse Florist Operations, Morgantown WV 1965.
Lang: Fr 2-0-0, Sp 2-0-0.
Mbr: SAEA.

BURKES, Marshall, Office of Finance, 32 First Street NW, Washington DC 20552; PH 202-376-3463.
Dir, Fed Home Loan Banks (51) 17, 05, 08.
b. 1934 Oklahoma; M-1.
BS 1956 OK St Univ; MS 1960 Purdue Univ; PhD 1962 OH St Univ.
Fields: 094, 091, 117, 013.
Prev Emp: Deputy Dir, Office of Finance, Fed Home Loan Banks, Washington DC 1972-73; Asst Adm, Farmers Home Adm, USDA, Washington DC 1969-72; Asst. Treasurer, Berkeley Bank for Coops, Berkeley CA 1968-69.
Pub: Changes in the Financial Structure of Agricultural Business Organizations, OH Agr Exp Sta, October 1963; Ratio Analysis Used to Measure Financial Strength of Agricultural Business Corporations, A.E. 340, November 1963; The Ohio Farmer: Friendly Credit Can Ruin Your Coop, November 1962.
Lang: Sp 3-3-3.
Mbr: IAAE, AMA, AEA.
Hon: Who's Who in America.

BURKET, Stephen D., 701 E Street NW, Washington DC 20436; PH 202-523-0223.
Comm-Ind Anal, US Intl Trade Comm (36)
b. 1947 Pennsylvania; M-0.
BS 1971, MS 1974, PA St Univ.
Prev Emp: Res Asst, PA St Univ, University Park 1974.
Mbr: AEA, Omicron Delta Epsilon.

BURKETT, W. Keith, Dept of the Interior, Washington DC 20245; PH 202-343-2139.
Env Spec., Bureau of Indian Affairs (13) 06, 18, 19.
b. 1913 Illinois; M-1.
BS 1936 Univ of IL; MA 1940 MI St Univ; PhD Univ of WI.
Fields: 020, 026, 013, 012.
Prev Emp: Agr Econ, ERS-USDA, Lexington KY & Washington DC 1957-67; Assoc Prof, Dept of Agr Econ, Univ of NH, Durham, 1948-57.
Pub: New Hampshire's Idle Farm Land, NH Exp Sta 1953; Farm Size & Capital Acquisition Problems, etc., NH Exp Sta 1959; Low Incomes of Rural People, KY Exp Sta 1965.
Lang: Fr 1-3-3, Ger 3-0-0.
Mbr: WAEA, Appalachian Trail Conference, Appalachian Mt Club.
Hon: American Men & Women of Science.

BURKHART, G. Wayne, 315 Hutcheson Hall, Dept of Agr Econ, VPI & St Univ, Blacksburg VA 24060; PH 703-951-5265.
Assoc Prof, VPI & St Univ (03) 09.
b. 1922 Ohio; M-2.
BS 1949, MS 1957, PhD 1968 OH St Univ.
Fields: 012, 017.
Prev Emp: Instr, OH St Univ, Columbus OH 1952-68.
Pub: Our Estate Inventory, VPI & St Univ 1975; What Will Become of Your Estate?, VPI & St Univ 1975.
Mbr: SAEA, VESA, Epsilon Sigma Phi.
Hon: Gamma Sigma Delta.

BURNS, Randall L., Main Treasury Bldg, Room 2050, 15th & Pennsylvania Ave. NW, Washington DC 20220; PH 202-964-3012.
Agr Econ, U.S. Dept of Treasury (26) 18, 15.
b. 1948 Iowa; U.
BS 1971, MS 1975 IA St Univ.
Fields: 014, 112.
Prev Emp: Res Asst, IA St Univ, 1973-75.
Hon: Gamma Sigma Delta.

BURNSTEIN, Harlan N., 306 Weaver Bldg, PA St Univ, University Park PA 16802.
Graduate Student, PA St Univ (03) 23, 07
b. 1948 Missouri; M-0.
BA 1970 Univ of MO; MS 1975 PA St Univ.
Fields: 014, 016, 011.
Prev Emp: Volunteer, U.S. Peace Corps, S. Korea, 1970-72.
Pub: An Analysis of 1973 Growout Costs of Broiler Production in the Northeast PA St Univ, MS Thesis 1975.
Lang: Ger 3-3-1, Korean 2-3-3.
Mbr: AEA.
Hon: Omicron Delta Epsilon.

BURSCH, William G., 1930 Dain Tower, Minneapolis MN 55402; PH 612-333-5231.
Proj. Adm, Experience, Inc. (51) 05, 07, 15.
b. 1937 Minnesota; M-3.
BS 1959, MS 1966 Univ of MN; PhD 1970 Univ of IL.
Fields: 011, 014, 013.
Prev Emp: Agr Econ, ERS-USDA, Lafayette IN 1970-72; Agr Econ, ERS-USDA, Urbana IL 1966-70.
Mbr: MN-EA.

BURT, Oscar R., Economics Dept, MT St Univ, Bozeman MT 59715; PH 406-994-3701.
Professor, MT St Univ (03) 07, 08, 09.
b. 1931 Nebraska; M-4.
BS 1958 Univ of NE; MA 1961, PhD 1962 Univ of CA-Berkeley.
Fields: 081, 026, 011, 021.
Prev Emp: Visiting Prof, Univ of CA-Davis 1972-73; Prof., Univ of MO, Columbia, 1964-68; Asst Prof, Univ of CA, Davis 1961-64.
Pub: Estimation of Net Social Benefits from Outdoor Recreation, Econometrica 1971; Production and Investment in Natural Resource Industries, American Econ Review, 1971; A Unified Theory of Depreciation, Jour of Accounting Research 1972.
Mbr: AEA, ASA, Econometric.
Hon: AAEA Published Res. Award 1966; AAEA PhD Dissertation Award 1962.

BURTON, Wayne E., Univ of AK, Agr Exp Station, Box AE, Palmer AK 99645; PH 907-745-3257.
Professor, Univ of Alaska (03) 09.
b. 1922 Nebraska; M-4.
BS 1958 Univ of WY; MS 1960 TX A&M Univ; PhD 1968 Univ of MT.
Fields: 070, 011, 017, 030.
Prev Emp: Asst Prof, Univ of NV, Reno, 1962-63; Asst Prof. MT St Univ, Bozeman, 1960-62; Asst Agr Econ, TX A&M Univ, 1956-60.
Pub: Alaska's Agriculture, Univ of AK 1971; Creating a Northern Agriculture, An Agricultural Development Perspective, Univ of AK, June 1975; Creating a Northern Agriculture, Historical Perspective in Alaska Agriculture, Univ of AK, July 1975.
Mbr: WRSA, Geography Soc., Rur Soc Society.
Hon: Am Men & Women of Science, Who's Who in the West, Outstanding Std of Agr, Univ of WY 1958.

BUSE, Rueben C., 312 Agr Hall, Univ of WI, Madison WI 53706; PH 608-262-3653.
Professor, Univ of WI (03) 07, 08, 02.
b. 1932 Minnesota; M-2.
BS 1954, MS 1956 Univ of MN; PhD 1959 PA St Univ.
Fields: 050, 081, 016.
Prev Emp: Assoc Prof, Univ of WI, Madison 1963-69; Asst Prof, Univ of WI, Madison 1959-63.
Pub: Applied Economics: Resource Allocation in Rural America, IA St Press 1975.
Lang: Por 1-3-1, Sp 1-3-3.
Mbr: AEA, Econometric.

BUSHNELL, Peter, Dept of Agr Econ, Univ of CA, Davis CA 95616.

BUTCHER, Walter R., Dept of Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-1808.
Professor, WA St University, Pullman WA (03) 07, 08, 22.
b. 1933 California; M-3.
BS 1955 Univ of ID; MS 1956, PhD 1961 IA St Univ.
Fields: 020, 021, 103, 035.
Prev Emp: Visiting Prof, Dept of Agr Econ, Univ of WI, Madison, 1973; Econ Office of Sec. of Army, Washington DC 1967-68; Econ, ERS-USDA IA & Washington DC 1958-64.
Pub: Guidelines for Pacific Northwest Energy Policy, Env Res Ctr, WA St Univ, 1975; Income Redistribution in the Columbia Basin Project, AJAE 1974; Productivity, Technology and Employment in Agriculture, Rpt of Pres Comm on Automation, Employ & Econ Growth 1966.
Mbr: AEA, WAEA, President 1974-75.

BUTELL, George R., 200 West Columbia Street, Apt 204, Falls Church VA 22046.

BUTLER, Edward J., 212 N Pentz Street, Dalton GA 30720; PH 404-226-1672.
Prog Dir, N. GA APDC (40) 04, 15, 18.
b. 1936 Connecticut; M-2.
MS 1970 Univ of GA; BS 1958 Univ of CT.
Fields: 031, 035, 039, 073.
Prev Emp: Communications Spec, CIA, W. Africa 1965-68; Asst Co Agt, Cornell Univ, Canadaigua NY 1962-64; Farm Manager (Dairy) Walls Farm, Wallingford CT 1959.
Pub: An Economic Analysis of the Production, Consumption and Marketing of Cassava (Tapioca) Univ of GA, June 1971.
Lang: Sp 3-3-3.
Mbr: GIDA
Hon: Phi Kappa Phi.

BUTTERWORTH, Keith, Ministry of Agr, Fish, Food, Govt Bldg, Kenton Bar, Newcastle-Upon-Tyne, England; PH 063-286-9811.
Farm Mgmt Adv Agr Devl & Adv Service (26) 20.
b. 1931 England; Citz: UK; M-3.
BS 1954 Univ of Durham; Dip Farm Mgmt 1955 Univ of Leeds; MS 1960 Univ of MN.
Fields: 012, 083, 084.
Prev Emp: Prof Off, Fed Farm Mgmt Adv Serv, W. Australia 1966-67; Farm Mgmt Econ, Rhodesia Natl Farmers Union, Rhodesia/Zambia, 1963-66.
Pub: Profit From Beef, Rhodesia 1964; Needs Scope and Opportunities for Development of Farm Management Advisory Service Movement in West Australia, Perth, W. Australia 1966; A Farm Management Data Processing Unit for Western Australia, Perth, W. Australia 1967.
Lang: Fr 2-3-3.
Mbr: UK-AES, Australian IAS, IAAE.

BUTZ, Dale E., 1701 Towanda, Bloomington IL 61701; PH 309-828-0021.
Exec Dir-Comm Div. IL Farm Bureau (52) 05, 07.
b. 1921 Indiana; M-3.
BS 1943 Purdue Univ; MS 1948 Cornell; PhD 1950 Univ of MN.
Fields: 014, 017, 018.
Prev Emp: Dir of Res, FS Services Inc. Bloomington 1959-66; Assoc Prof, MI St Univ, E Lansing MI 1950-58; Visiting Prof., Harvard Business School, Boston 1958-59.
Pub: The Changing Structure of the Market Economy, Harvard Business School, 1960.

BUXTON, Boyd M., 217 Classroom Off Bldg., Univ of MN, St Paul MN 55101; PH 612-376-3437.
Agr Econ, ERS-USDA (16) 07, 19, 08.
b. 1936 Idaho; M-5.
BS 1960 Brigham Young Univ; MA 1963 WA St Univ; PhD 1967 Univ of MN.
Fields: 011, 016, 017, 026.

Prev Emp: Prog Leader, ERS-CED-USDA, St Paul MN 1973-74; Field Group Head, FPED-ERS-USDA, St Paul MN 1970-73; Agr Econ, FPED-ERS-USDA, St Paul MN 1963-70.
Pub: Social Cost of Dairy Price Supports, AJAE 1974; The Impact of Dairy Imports on U.S. Dairy, U.S. Senate Agr Comm. 1975; Cost of Reducing Water Pollution on U.S. Dairy Farms, ERS Report 1974.
Lang: Sp 3-0-0.
Mbr: NEAC.

BYERLEE, Derek, Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-353-5217.
Asst Prof, MI St Univ (03) 07, 08.
b. 1946 Australia; Citz: Australia; M-2.
BAS 1966, Univ of Adelaide (SA); MAE 1968 Univ of New England (NSW); PhD 1971, OR St Univ.
Fields: 070, 040, 011, 080.
Prev Emp: Res. Fellow, NJALA Univ Coll., Sierra Leone, 1974-75.
Pub: Macroeconomic Model for Agr Sector Analysis, AJAE 1974; Rural-Urban Migration in Africa, Int. Migration Review, 1974; Rural Employment and Econ Devl in Africa, Agr Policy in Devl Nations 1974.
Lang: Sp 2-0-2.
Mbr: AEA.

BYERS, Douglas M., Box 698, Truro, Nova Scotia, Canada B2N5E5; PH 902-893-9311.
Econ., Economics Branch, Agr Canada, (78) 18.
b. 1935, Nova Scotia; Citz: Canada; M-2.
BS 1958 McGill Univ; MS 1968 Univ of CT; PhD 1972 Purdue Univ.
Fields: 011, 012, 017, 021.
Prev Emp: Farm Mgmt Sup, NS Dept of Agr, Truro 1964-68; Farm Mgmt Spec, NS Dept of Agr 1958-64.
Pub: New Brunswick Agriculture: An Overview, CFE, 1974; Development and Display of Multiple-Objective Project Impacts, Water Resources Res 1973; The Economic Effects of a Corn Silage Program on Connecticut Dairy Farms, Storrs CT Agr Exp Sta Bull, 1971.
Lang: Fr 3-0-3.
Mbr: AIC, CAES, NAEA.
Hon: Gamma Sigma Delta.

CABLE, C. Curtis, Dept of Agr Econ, Univ of AZ, Tucson AZ 85721; PH 602-884-1005.
Mktg Spec. Univ of AZ (03) 09, 07.
b. 1922 Arkansas; M-2.
BS 1948; MS 1949 OK St Univ; PhD 1967 Univ of MN.
Fields: 014, 018, 016, 012.
Prev Emp: Agr Econ, ERS USDA, Tucson AZ 1958-1966; Asst Prof, Univ of AR, Fayetteville AR 1953-58.
Pub: Cotton Growers Must Meet Challenge, Univ of AZ, 1970; Locational Models for Cotton Ginning and Warehousing Facilities, USDA 1972.
Mbr: WAEA.

CADENAS, Alfredo, Fac Cien Econ, Dept Teoria Econ, Univ Autonoma, Madrid, Spain.
Assoc Prof, Univ of Autonoma, Madrid (03) 07, 08, 19.
b. 1945 Spain; M-1.
Ing Agro 1969 Madrid Univ; MA 1974, MS 1975 MSU.
Fields: 014, 080, 110, 020.
Prev Emp: Agr Econ INIA Madrid 1975; Agr Econ, Dept of Agr Econ, CSIC, Madrid 1971, Ing Agro, C.E. Hildrograficos, Madrid 1969.
Pub: Spanish Sugar Subsector, CSIC 1976.
Lang: Spanish; Other: Fr 1-3-3, ITa 1-3-3.
Mbr: AEA, EAEA, AHA.

CAIRNS, Luman E., W 818 Riverside Ave, PO Box 3087, Spokane WA 99220; PH 509-747-6111.
Mgr. Mktg Serv, Cominco Am Inc (52) 11, 15.
b. 1928 Washington; M-3.
BS 1951 WA St Univ; PhD 1956 IA St Univ.
Fields: 011, 014, 095, 094.
Prev Emp: Supvr, Mktg Res Cominco Am Inc. Spokane WA 1966; Asst Prof & Asst Agr Econ, WA St Univ, Pullman WA 1956.
Mbr: AMA, ASA.

CALL, David L., 103 Roberts Hall, Cornell Univ, Ithaca NY 14850; PH 607-256-2117.
Dir, Coop Ext., Cornell Univ (03) 02.
b. 1932 New York; M-4.
BS 1954, MS 1958, PhD 1960 Cornell Univ.
Fields: 014, 051, 091.
Prev Emp: H.E. Babcock Prof, Cornell Univ, Ithaca NY 1962-73; Asst Prof MI St Univ, 1960-62.
Pub: Private Label Products in Food Retailing, Tech Rep #10, US Govt Pr Office 1967; Changing Food Market-Nutrition in a Revolution, Jour Am Dietetic Assoc 1972; A Systematic Approach to Nutrition Intervention Programs, Nutr Natl Devl & Plng 1973.
Hon: Who's Who in Am; Who's Who in the East; Phi Kappa Phi.

CALLAGHAN, Paul, PO Box EK, Univ of Guam, Agana GU 96910; Ph Ext. 364.
Asst Prof, Univ of Guam (03) 08, 10, 23.
b. 1942 California; M-0.
BA Econ 1965 Univ of CO; MBA Bus 1969 San Jose St Univ; MA Econ 1974, Univ of HI.
Fields: 024, 070, 090, 141.
Prev Emp: Res Asst Univ of HI, Econ Res Cent, Honolulu HI 1972-75; Instr Univ of Guam, Sch of Bus, Agana, Guam 1969-72; Small Bus Adv Peace Corp Micr, Koror, Palau, W.C.I., 1966-68.
Pub: Hawaiian Skipjack Tuna Industry, Grant Monograph 1976.
Lang: Palauan (Micronesia) 3-3-2.
Mbr: AEA.

CALLAHAN, Edgemond P., 3640 Gleneagles Drive, Silver Spring MD 20906; PH 301-598-7761.
Retired (76) 26, 07.
b. 1907 Tennessee; M-2.
BS 1930 Univ of TN.
Fields: 012, 011, 018.
Prev Emp: Ext Econ, Univ of TN, Knoxville, 1930-50; Farm Mgmt, Ext Serv USDA, Washington DC 1950-71.
Pub: Farm Records-A Management Tool, Ext Serv Rev USDA 1960; Some Training Needs of Extension Workers, AJAE, December 1960.
Mbr: AAAS.
Hon: Fed Exec Fellows at The Brookings Institute 1964-65.

CALLAHAN, John C., Dept of Forestry & Natural Res., Purdue Univ, W. Lafayette IN 47907; PH 317-493-1919.
ProfessorPurdue Univ. (03) 07, 08.
b. 1923 Michigan; M-3.
BS 1947 MI St Univ; MS 1948 Duke Univ; PhD 1955 Purdue Univ.
Fields: 023, 026, 025, 035.
Mbr: SAF, Chmn for Econ & Pol 1966, Intl Soc of Arb.
Hon: Who's Who in America.

CALUMET, Thomas, 431 Oakdale, Chicago IL 60657.

CAMPBELL, Gerald W., 2742 Indian Ruins Road, Tucson AZ 85715.

CAMPBELL, Gerald R., 314 Agr Hall, Univ of WI, Madison WI 53706; PH 608-262-3653.
Asst Prof, Dept of Agr Econ, Univ of WI (03) 08, 07, 09.
b. 1945 Ohio; M-0.
BS 1967 OH St Univ; MS 1969 New Mexico St Univ; MA 1972; PhD 1973, MI St Univ.
Fields: 014, 015, 101, 051.

Prev Emp: Res Asst, MI St Univ 1969-73; Res Asst, NM St Univ 1968-69.
Pub: Procurement Contracting and Sow Leasing in the Hog-Pork Subsector, Agr Econ Rpt No 257 MI St Univ 1973; Grower-First Handler Exchange Arrangements in the Wisconsin Processed Vegetable Industry, NC 117 Monograph No. 2, Univ of WI 1976.
Mbr: AEA, ACCI, AEE.

CAMPBELL, Joe R., Dept of Agr Econ, Agr Adm Bldg, LA St Univ, Baton Rouge LA 70803.

CAMPBELL, Joseph C., Dept of Econ, East Hall, Iowa State Univ, Ames IA 50010; PH 515-294-8931.
Res Asst; Citz: Grenada, West Indies; U.
BS 1972, Univ West Indies; MS 1975 Univ of Guelph.
Fields: 011, 080, 082
Prev Emp: Res Asst, Univ of Guelph.

CAMPBELL, Keith O., Dept of Agr Econ Univ of Sydney, Australia; PH 692-2574.
Prof of Agr Econ, Univ of Sydney (03) 07, 08, 02.
b. 1920; Citz:Australia; M-3.
BS 1943, Univ of Sydney; AM 1948 Univ of Chicago, MPA 1949 Harvard Univ; PhD 1949, Univ of Sydney.
Fields: 017, 014, 020, 112.
Prev Emp: Res Prof, Univ of Sydney 1956-1965; Reader, Univ of Sydney 1951-56; Principal Econ Res Officer NSW Dept Agr, Sydney 1950-51.
Pub: Agricultural Marketing and Prices, Cheshire, Melbourne 1973; The State Marketing Board-Relic or Prototype? Australian Jour of Agr Econ 1973; Rural Policy in Australia-1974 Style, Aus. Jour of Agr Econ 1974.
Lang: Fr 2-0-0, Ger 3-0-0.
Mbr: IAAE, VP 1973-76, AAES Found. Pres. 1957-58, ESA&NZ, Pres (NSW Br) 1957-58.
Hon: Fellow, Academy of Soc Sc in Australia; Fellow, Aus. Inst of Agr Sc; Dict of Intl Biog.

CAMPOS, Roberto G.D., Rua Dr Jose Maria, 453 Rosarinho, Recife, Pernambuco Brazil 50000; PH 0812-22-1669.
Coordinator, St Com for Agr Planning (78) 15.
b. 1941; Citz: Brazil; M-1.
BS 1964 UFRP Brazil; MS 1975 MS St Univ.
Fields: 073, 017, 082, 077.
Prev Emp: Ext Agent, ANCARPE, Brazil 1964-70.
Pub: Number Size and Location of Seed Processing Facilities, MS Thesis, MS St Univ 1975.
Language: Portuguese; Other: Eng 3-3-3, Sp 3-3-3.
Mbr: SAEA.

CANDLER, Wilfred V., Agr Can, Econ Br, Sir John Carling Bldg, Rm 361, Ottawa, Ontario, Canada K1A 0C5; PH 613-994-5571-Ext 234.
Director Fed Govt Canada (78) 06,07,09.
b. 1932 England; Citz: New Zealand; M-4.
BA 1955, MA 1956 Massey Univ, New Zealand PhD 1958 IA State Univ.
Fields: 011, 017, 084, 073.
Prev Emp: Prof & Head, Dept of Agr Econ, Massey Univ, New Zealand, 1961-66; Visiting Prof, Univ of CA-Davis 1967; Prof, Purdue Univ, 1967-72.
Pub: Linear Programming Methods, IA St Press 1958; The Maximization of a Quadratic Function of Variables Subject to Linear Inequalities, Management Science, 1964; Computer Software for Farm Management Extension, AJAE 1970.
Lang: Fr 2-3-1.
Mbr: Aus SAE Council 1959, CJAE.

CANFIELD, Grant W., PO Box 4145, Honolulu HI 96813; PH 808-524-5394.
President,Hawaiian Educ Council (02) 01, 07, 08.
b. 1923 USA; M-1.
AA 1948 Pasadena City Coll; BS 1949 Univ of So. CA; MBA 1958 Univ of So. CA; PhD 1974 Sussex College.
Fields: 046, 121, 124, 091.
Prev Emp: VP Hawaii Emp Council, Honolulu HI 1960-75; Inst., Univ of HI, 1963-71.
Pub: A Weighted Factor Formula for Standardized Analysis of Labor Turnover Cost, Univ of So. CA 1958; A Resource Manual for Collective Bargaining in the Public Sector, Honolulu HI 1971; A Collective Bargaining Information System for the State of HI, 1973.
Lang: Sp 2-3-3, Fr 3-3-3.
Mbr: ASID, ASAE, AAUP.
Hon: Who's Who in Am, Phi Kappa Phi, Beta Gamma Sigma, Johnson Foundation Scholarship.

CAO, Than V., Dept of Agr Econ, Univ of AZ, Tucson AZ 85721; PH 602-884-3693
Res Assoc, Univ of AZ (03) 07, 23.
b. 1932; Citz: Vietnam; M-4.
Bachelor of Law 1963, Univ of Saigon; MS 1967 Univ of Pittsburgh.
Fields: 073, 022.
Prev Emp: Mins of Agr, Govt of S. Vietnam, Saigon, 1969-73.
Pub: Agrarian Reform in Vietnam, Saigon, 1970; An Agricultural Development Plan for Vietnam, Saigon 1972.
Lang: Vietnamese; Other: Fr 1-1-1, Eng 1-1-1.

CARD, Dana G., 154 Arcadia Park South, Lexington KY 40503; PH 606-278-2418.
Professor Emeritus of Agr Econ, Univ of KY (03) 26.
b. 1898 Nebraska; M-0.
BS 1919, MS 1925, PhD 1939 Cornell Univ.
Fields: 018, 017, 080.
Pub: Prices of Products Bought and Sold by Kentucky Farmers, KY Agr Exp Sta 1970; An Index of the Gen. Quality of Burley Tobacco, KY Agr Exp Sta 1974.
Mbr: ASA.
Hon: Sigma Xi, Phi Kappa Phi, Gamma Sigma Delta, Alpha Zeta, Who's Who in America, American Men & Women of Science.

CARLEY, Dale H., Georgia Station, Experiment GA 30212; PH 404-228-7234.
Professor, Univ of GA (03) 07.
b. 1926 Ohio; M-3.
BS 1955, MS 1956, PhD 1959 OH St Univ.
Fields: 014, 016, 011, 017.
Prev Emp: Agr Econ USDA, Washington DC 1963-65; Agr Econ USDA Exp GA 1959-63.
Mbr: SAEA, Tobacco Workers Conference.
Hon: American Men & Women of Science, Who's Who in the South & Southwest, Alpha Zeta, Gamma Sigma Delta.

CARLIN, Thomas A., 500 12th Street, SW, Washington DC 20250; PH 202-447-8673.
Prog. Leader, Income Student, ERS-USDA (16) 07.
b. 1943 New York; M-0.
BS 1965, MS 1967 Univ of GA; PhD 1971 PA St Univ.
Fields: 040, 050, 010.
Prev Emp: Agr Econ ERS-USDA, Washington DC 1971-74.
Pub: Concepts of Agr Econ & Econ Accounting, AJAE 1974; Tax Loss Farming, USDA 1974; Comb Inc & Wealth: Ann. Well-Being, AJAE 1973.
Mbr: SAEA.

CARLOCK, Gaylord W., Route # 2, Box 58, Joshua TX 76058; PH 817-641-8190.
Prof. Eng., Gerlach Assoc (75) 22, 20, 15.
b. 1943 Texas, M-3.
BS 1967, MS 1968 Univ of TX, Arlington; PhD 1974 So Methodist Univ, Dallas.
Fields: 153, 082, 036, 105.
Prev Emp: Chf Eng, Housing-Industry-Modulars, Ft Worth TX 1972-73; Eng, Gen Dynamics, Ft Worth TX 1968-72.
Pub: Sensitivity Analysis of Combined Estimation and Control, Intl Jour of Control 1975.
Lang: Rus 2-2-3, Sp 2-2-2.
Mbr: Eta Kappa Nu, Tau Beta Pi, Natl Soc of Prof Eng.
Hon: Who's Who in TX 1973-74; Personalities of the South.

CARLSON, Gerald A., Econ & Bus. Dept, Box 5368, NC St Univ, Raleigh NC 27607; PH 919-737-2609.
Assoc Prof. NC St Univ (03) 07, 08.
b. 1940 Idaho; M-2.
Fields: 020, 011.

CARMAN, Hoy F., Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-1525.
Assoc Prof, Univ of CA (03) 07, 08.
b. 1938 Oregon; M-2.
BS 1960, MS 1962 OR St Univ; PhD 1964 MI St Univ.
Fields: 014, 137, 093.
Hon: American Men & Women of Sci, Who's Who in the West.

CARMICHAEL, Ray M., IAA Trust Company PO Box 2901, Bloomington IL 61701; PH 309-828-0021.
Mgr., Farm Dept, IAA Trust Company (52) 20.
b. 1936 Illinois; M-3.
BS 1958, MS 1959 Univ of IL.
Fields: 012.
Prev Emp: Farm Mgr, Natl Bank of Bloomington IL 1962-65.
Mbr: ASFM&RA, ISPFM&RA.

CARNCROSS, John W., Box 1-9, 68 McLean Ave, Manasquan NJ 08735.

CARR, Howard D., Farm Credit Corp. 2255 Carling Avenue, PO Box 6309, Ottawa, Ontario, Canada.

CARROLL, Thomas F., 808 17th Street NW, Washington DC 20577; PH 202-634-8426.
Senior Adv, Inter-Am Devl Bank (67) 18, 07, 08.
b. 1919 Hungary; Citz: USA; M-3.
AB 1943 Western Reserve Univ; MS 1946, PhD 1951 Cornell Univ.
Fields: 073, 118, 022.
Prev Emp: Adjunct Prof, The George WA Univ 1968 - --; Land Econ & Reg Officer, FAO-UN Rome & Santiago, Chile 1951-60.
Pub: Agricultural Development of Central Chile, Cornell Univ 1951; Creating New Farm Units, FAO, Santiago, Chile 1960; Land Reform in Latin America, The 20th Century Foundation, New York 1961.
Lang: Sp 1-1-1, Fr 1-2-2.
Mbr: LASA, SID.
Hon: Phi Beta Kappa.

CARROLL, William M., 1 Weaver Bldg, PA St Univ, University Park 16802; PH 814-865-2561.
Professor, The PA St Univ (03) 09.
b. 1916 Massachusetts; M-3.
BS 1952, MS 1953 PA St Univ.
Fields: 039, 038, 026, 017.
Hon: AAEA Dist. Ext Prog, 1971, H.A. Cappy Thompson Local Govt Award.

CARRUTHERS, Garrey, Box 3169 New Mexico St Univ, Las Cruces NM 88003; PH 505-646-1821.
Assoc. Prof., NM St Univ (03) 07, 08.
b. 1939 Colorado; M-3.
BS 1964, MS 1965, NM St Univ, PhD 1968 IA St Univ.
Fields: 035, 032, 066.
Prev Emp: Spec Asst to Sec Agr USDA, Washington DC 1974-75; Asst Prof NM St Univ, Las Cruces 1968-72; Res Assoc IA St Univ, 1965-68.
Pub: A Decision Oriented Resource Management Model, Reg Sci Perspective 1970; Delivery of Rural Community Services in U.S.: Some Implications and Problems, NM St Univ 1975; A Socio-Economic Analysis of Labor Mobility, Northcentral New Mexico, NM St Univ 1973.
Mbr: Am Acad of Pol & Soc Sci, RSA, WAEA.
Hon: White House Fellow 1974-75; Spec Asst to Sec of Agr.

CARRUTHERS, Ian D., Wye College, Univ of London, Ashford, Kent, England; PH 023-381-2401.
Sen Tutor, Wye College (03) 07, 08, 22.
b. 1938; Citz: UK; M-3.
BS 1961 Wye College, Dip Agr Econ 1962 Oxford, England.
Fields: 073, 021, 118.
Pub: Irrigation Development and Planning, Wye College, UNK 1969; Impact of Community Water Supply, Wye College, UNK 1973.
Mbr: UK AES, East Africa AES.

CARSON, Edward E., Dept of Agr Econ, Purdue Univ, W Lafayette IN 47907; PH 317-493-2110.
Ext Econ, Assoc Prof, Purdue Univ (03) 09, 07.
b. 1928 Indiana; M-5.
BS 1953, MS 1956, PhD 1963 Purdue Univ.
Fields: 012, 013, 018.
Pub: Analysis of Farmers Use of Merchant Credit, MS Thesis 1956; An Analysis of the Impact of Alternative Voluntary Land Retirement Programs, PhD Thesis 1962; Farm Planning and Financial Management, ID-68 Purdue Univ 1975.
Lang: Ger 3-0-0.
Mbr: ASFMRA, IESA, IFMA, Sec. Tr. 1960-66.
Hon: Outstanding Ext Spec Award, Sr Award 1972

CARTER, Harold O., Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-1520.
Professor, Univ of CA-Davis, (03) 07, 08, 02.
b. 1932 Michigan; M-5.
BS 1954, MS 1955 MI St Univ; PhD 1958 IA St Univ.
Fields: 011, 017, 075, 085.
Prev Emp: Sr Staff Econ, Pres. Coun of Econ Adv, Washington DC 1969-70. Chm, Dept of Agr Econ, Univ of CA, Davis 1970-76.
Pub: The Hungry World: The Challenge to Agriculture, Univ of CA 1974; Some Impacts of Changing Energy Situation on U.S. Agriculture, AJAE 1974; Projections of California Agriculture to 1980 and 2000, Univ of CA Exp Sta 1970.
Mbr: AEA, WAEA, Pres. 1975-76.
Hon: Who's Who in America, American Men & Women of Science. AAEA Award for Outst. Res 1963, 1967, 1971, 1975; WAEA Award for Outst. Res 1962, 1969, 1971.

CARVALLO, Felix R., Centro de Economia Agricola, Chapingo, Mexico.

CARVER, Robert D. 121 Agr Hall, Univ Sta Box 3354, Univ of WY, Laramie WY 82071; PH 307-766-5133.
Assoc Prof, Univ of WY (03) 09, 08, 07.
b. 1941 Montana; M-2.
BS 1964, MS 1969 MT St Univ; PhD 1972, Univ of NE.
Fields: 014, 012, 013, 018.
Prev Emp: Ext Econ, ND St Univ 1975; Instr, Univ of NE 1972; Res Assoc, MT St Univ 1969.
Pub: Simulation Analysis of Extensive and Intensive Growth, Univ of NE 1972; Growth Potential of Sandhill Ranches Through Irrigation, Univ of NE 1975; Marketing ND Livestock, ND St Univ 1974.
Lang: Ger 3-0-3.
Mbr: WAEA, ASFM&RA.
Hon: Outst. Grad. Student, Univ of NE 1972.

CARVEY, David G., ERS 1405 S. Harrison Road, E Lansing MI 48823; PH 517-355-1772.
Agr Econ, USDA (16) 07.
b. 1940 Michigan; M-4.
BS 1963, MS 1967, PhD 1975 MI St Univ.
Prev Emp: Rec Res Asst, Bureau of Outdoor Recreation Dept of Int., Ann Arbor MI 1964-65.
Pub: Development Preferences & Comm. Structure in RC&D: A Comparative Analysis, PhD Dissertation, MI St Univ 1975; The NW Michigan RC&D Leader Survey, ERS 1972.
Mbr: MCRSA.

CASACCIA, Carlos A., Inter Am Devl Bank, 808 17th Street NW, Office D-602, Washington DC 20577; PH 202-634-8644.
Inter American Bank (60) 03, 07.
b. 1946 Paraguay; Citz: Paraguay; M-0.
BS 1974 SWTSU.
Fields: 014, 012.
Lang: Spanish; Other: Por 2-1-2.
Mbr: SID.

CASAVANT, Kenneth L., Dept of Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-1306.
Assoc Prof, WA St Univ, (03) 07, 08, 10.
b. 1942 North Dakota; M-2.
BS 1967, MS 1969, ND St Univ; PhD 1972, WA St Univ.
Fields: 019, 014, 104, 065.
Prev Emp: Res Asst, ND St Univ, 1965-67; Asst Prof, WA St Univ 1969-74; Vis. Prof, Univ of AK 1975-76.
Pub: Estimated and Perceived Variability of Transit Time, Transportation Jour, 1975; Estimation of Demand for Freight Transport Services, AJAE 1976; Colleague Credit Evaluation as an Experiment in Improved Teaching, Jour of NACTA 1972.
Lang: Fr 2-1-2.
Mbr: AEA, RSA, WRSA.
Hon: Who's Who in America, Am Men & Women of Science, Dir of Intl Biography.

CASLER, George L., 441 Warren Hall, Cornell Univ, Ithaca NY 14853; PH 607-256-5445.
Professor, Cornell Univ (03) 07, 08, 09.
b. 1929 New York; M-3.
BS 1950, MS 1959 Cornell Univ, PhD 1966 Purdue Univ.
Fields: 012, 011, 013, 026.
Prev Emp: Ext Assoc. Cornell Univ 1959-62; Instr, Purdue Univ 1962-65; Vis. Prof. OR St Univ 1971-72.
Pub: Capital Investment Analysis, Grid 1973; Nitrogen and Phosphorus: Food Production, Waste and the Environment, Ann Arbor Science, 1975.
Lang: Fr 3-0-0.
Mbr: NAEC.
Hon: Phi Kappa Phi, Alpha Zeta.

CASTLE, Emery N., Res for the Future, Inc., 1755 Massachusetts Ave NW, Washington DC 20036; PH 202-462-4400.
V.P. Sr Fellow, Resources for the Future (70) 01, 04, 07.
b. 1923 Kansas; M-1.
BS 1948, MS 1950 KS St Univ; PhD 1952 IA St Univ, Post Doc. 1956 NC St College.
Fields: 020, 030, 088.
Prev Emp: Head, Agr Econ Dept 1966-72. Dir., Water Resources Inst 1966-69; Dean of Grad. School 1972-76, OR St Univ.
Pub: Economics & The Quality of Life, AJAE 1972; Priorities in Agricultural Economics for the 1970's, AJAE, 1970. Economic Consequences of Interbasin Water Transfer, OR Agr Exp Sta Tech Bull #116, 1971.
Mbr: AEA, AAAS, WFEA President.
Hon: Who's Who in America, American Men & Women of Science, OR St Univ Alumni Assoc., Dist Prof Award 1970.

CASTRO, Jose PRD, Acares, Caixa Postal 644, 29000 Vitoria ES BRAZIL.

CASTRO, Roberto J., U.S. AID, Honduras Am Embassy Ave, LaPaz, Tegucigalpa DC Honduras; PH 314-1224.
Advisor, Govt of Honduras (40) 15, 18, 22.
b. 1934 Peru; Citz: USA; M.
IA 1963 UNA, Lima Peru; MS 1970, PhD 1973, NC St Univ.
Fields: 131, 017, 014, 081.
Prev Emp: Econ, Aid, Peru 1974; Soil Spec, Inst Ref Agr., Lima, Peru 1963-67.
Pub: Expected Effects of Changing U.S. Tariffs on Green Peppers, NC St Univ, 1973; Florida Supply of Winter Green Peppers, NC St Univ 1973; Monthly Demand of Winter Green Peppers and Cucumbers in the U.S., NC St Univ 1973.
Lang: Spanish; Other: Eng 1-1-1, Quechua 3-3-3.
Mbr: AEA, APIA,
Hon: Who's Who in America, American Men & Women of Science.

CATEY, John A., Ore-Ida Foods Inc., Box 10, Boise ID 83703; PH 208-343-7941.
Gen Mgr, Agr., Ore-Ida Foods Inc (51) 12, 15, 10.
b. 1930 Michigan; M-4.
BS 1962 MI St Univ.
Fields: 012, 011, 060, 151.
Prev Emp: Co Ext Dir, MI St Univ, 1964; County 4-H Agt, MI St Univ 1963; Farm Mgr, C.L. Myers, Howell MI 1961.
Mbr: APA, ISFM&RA.
Hon: Phi Kappa Phi, Alpha Zeta.

CATHERWOOD, Robert L., 820 Davis Lake Road, Box 327, Lapeer MI 48446.
Manager, Lapeer Co Road Commission, (4)0 01, 10, 15.
b. 1945 Pennsylvania; U.
BS 1967, MS 1972 PA St Univ.
Fields: 091, 021, 038, 026.
Prev Emp: Econ, SCS-USDA, E Lansing MI 1972-75; Farm Mgr, Dixon, Lexington Park MD 1967-68.
Pub: Factors Influencing Intensity of Use Seasonal Homes, MS Thesis, PA St Univ 1972.
Mbr: SCSA, PSAA.

CATO, James C., 1170 McCarty Hall, Dept of Agr Econ, Univ of Florida, Gainesville FL 32611; PH 904-392-4991.
Asst. Prof, Univ of FL (03) 09, 07.
b. 1942 Texas; M-2.
BS 1967, MS 1968 TX Tech Univ; PhD 1973 Univ of FL.
Fields: 024, 026, 011, 014.
Prev Emp: Agr Econ USDA-ERS, FL 1969-73. Instr, TX Tech Univ, 1968-69; Res Asst, TX Tech Univ 1967-68.

Pub: Production, Prices and Marketing: An Economic Analysis of the Gulf of Mexico, Red Snapper-Grouper Industry, Univ of FL 1976; The Effect of Resource Investment Programs on Labor Employment, Univ of FL 1973; Economic Engineering Analysis of Cotton Milling Facilities on Texas High Plains, Thesis, Texas Tech 1968.
Mbr: SAEA.

CESAL, Lon C., EDD-ERS-USDA, 500 12th Street, SW, Washington DC 20250.

CHAFIN, Donald G., 5050 Poplar Avenue, Suite 2200, Memphis TN 38137; PH 901-767-1550.
Farm Manager, Nortrust Farm Management (51) 20.
b. 1940 Virginia; M-0.
BS 1962, VPI & St Univ; MS 1964, PhD 1973 OH St Univ.
Fields: 012.
Prev Emp: Res Assoc, OH St Univ 1971-73; Farm Mgr, White Thorne Inc, VA, 1966-73; Instr, VPI & St Univ 1964-66.
Pub: Futuristic Forage & Livestock Systems, OH St Univ 1973; Taxation of Agric Land Based on Value, OH St Univ 1972; OSU Farm Management Handbook, OH St Univ 1972.
Lang: Fr 2-0-0.
Mbr: ASFM&RA, ASAC.

CHAMBERS, Robert G., Dept of Agr & Res Econ, 207 Giannini Hall, Univ of CA, Berkeley CA 94720.
Grad Res Asst, Univ of CA-Berkeley (03) 23, 07.
b. 1950, Washington DC; M-0.
BS 1972, Georgetown Univ; MS 1975 Univ of MD.
Fields: 110, 070, 080.
Prev Emp: G.R.A., Univ of MD 1973-75.
Lang: Fr 1-1-1.
Mbr: AEA
Hon: Phi Kappa Phi.

CHAMBLISS, Roger L., Dept of Agr Econ, VPI & St Univ, Blacksburg VA 24061.
Assoc Prof., VPI & St Univ (03) 08, 07.
b. 1913 Virginia; M-3.
BA 1935 Hampden-Sydney College; MS 1941 VPI & St Univ.
Fields: 012, 091, 013.
Prev Emp: Ext Econ, WV Univ 1941-42 & 1946-47., Off., U.S. Navy 1942-46; Teacher, Public Schools, VA 1935-39.
Pub: Farm Production on VA Eastern Shore, VPI 1974; Selling Feeder Cattle in Comingled Lots, VPI 1974; Econ of Farm Machinery, VPI 1974.
Lang: Fr 3-3-3.
Mbr: SAEA, VSSA, President 1966-67.

CHAN, Nguyen C., Y89 Phan Viet Ghanh, Gradinh, Vietnam.

CHANDLER, J. A., Act Dean (Office of the Dean) Sam Houston St Univ, College of Applied Arts & Sci, Huntsville TX 77340.

CHANG, James C., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Res Asst, OK St Univ (03) 07.
b. 1948 China; Citz: China; M-0.
BS 1970 Taiwan Chung-Hsing Univ; MS 1973 TX Tech Univ.
Fields: 035, 025, 085.
Prev Emp: Res Asst, TX Tech Univ, 1972-73.
Pub: Per Capita Use Eq & Visitation Est for Water-Based Recreation Areas, Texas Tech 1974; Proj & Analysis of the Economies of Substate Planning Districts in Oklahoma, OK St Univ 1974
Lang: Chinese; Other: Eng 1-1-1; Jap 3-3-3.
Mbr: WAEA, SAEA.

CHANG, Oh-Hyun, Dept of Agr Econ, 303A Hiram Smith Hall, Univ of WI, Madison WI 53706; PH 608-262-1242.
Res Asst, Univ of WI (03) 23, 07.
b. 1941 Korea; Citz: Korea; M-2.
BS 1967 Seoul Natl Univ, Korea; MS 1975 Univ of WI.
Fields: 073, 051, 022, 062.
Prev Emp: Div Chf, Chonbang Co Ltd, Korea - 4-1/2 years.
Lang: Korean; Other: Eng 1-1-1, Jap 2-2-2.
Mbr: AEA. Hon: Grad w/hon SNUCA.

CHANG, Seok Jung, Dept of Agr Econ, NC St Univ, Raleigh NC 27607; PH 919-737-2617.
Graduate Student, NC St Univ (03) 23.
b. 1941 Korea; Citz: Korea; M-2.
BA 1965 Seoul Natl Univ, Korea; ME 1973 NC St Univ.
Fields: 012, 081, 105, 092.
Prev Emp: Sect Chf, Cheil Sugar Ind, Korea 1971.
Lang: Korea; Other: Eng 1-1-1.
Mbr: AER
Hon: Gamma Sigma Delta, Omicron Delta Epsilon.

CHAO, Ching Yuan, Dept of Econ, Jackson St Univ, Jackson MS 39217; PH 601-968-2451.
Professor, Jackson St Univ (03) 08, 07.
b. 1925 China; Citz: USA; M-2.
BS 1949 Natl Ying Shih Univ; MS 1961 PhD 1963 IA St Univ.
Fields: 011, 081, 012, 062.
Prev Emp: Assoc Prof, MI Tech Univ 1969-72; Assoc Prof, Dalhousie Univ, Canada 1964-69; Prof, Natl Taiwan Univ 1950-64.
Pub: Agricultural Production Economics, Natl Compilation Committee, 1969; Beef Production Function from Sample Farms in Nova Scotia, CJAE, 1971; The Black Job Situation in Mississippi, The Annals of the Midsouth Academy of Economists, 1975.
Lang: Chinese; Other: Eng 1-1-1, Jap 2-2-2.
Mbr: AEA, MAE, PTPS.

CHAPMAN, Duane, Dept of Agr Econ. 304 Warren Hall, Cornell University, Ithaca NY 14853; PH 607-256-4516.
Asst Prof, Cornell Univ (03) 07, 08, 09.
b. 1940 IA; M-2.
BA 1961 MI St Univ; MS 1967, PhD 1969, Univ of CA-Berkeley.
Fields: 020
Emp: Econ, Oak Ridge Natl Lab, TN, 1969-71; Asst Prof, Univ of TN 1969-71.
Pub: Electricity Demand, Science, 1972; Conservation, Health and Fuel Supply, U.S. Federal Power Comm. 1975; Econ of Nuclear Desalination, AJAE, 1973.
Mbr: AEA, AAAS,ES.

CHAPMAN, James A., Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-353-9611.
Graduate Asst, MI St Univ (03) 07, 23.
b. 1948 California; M-2.
BA 1970, SUNY; MS 1976 MI St Univ.
Fields: 011, 083, 084.
Prev Emp: Volunteer, Peace Corps, Peru, USOS, 1970-74.
Lang: Sp 1-1-1, Por 1-3-3.

CHARBONNEAU, Joseph J., Office of Pesticide Programs, 401 M Street SW, Wash. DC 20460; PH 202-755-7014.
Econ, Environmental Protection Agency, (31) 18, 19, 06.
b. 1944 Canada; Citz: USA; M-2.
BS 1967, MS 1969 Univ of RI; PhD 1974 Univ of MD.
Fields: 016, 081, 062.
Prev Emp: Res Asst Univ of MD 1970-73; Econ Asst Univ of MD 1969-70; Res Asst Univ of RI 1967-69.
Pub: Spatial Eq Model of Oyster Markets, Univ of MD 1975; U.S. Regional Oyster Product Flow, Univ of MD 1974; Inter-regional Impact of Pollution Abatement, Univ of MD 1976.
Lang: Fr; Other: Eng 1-1-1.
Mbr: AEA.
Hon: Omicron Delta Epsilon.

CHARLAND, Andre, Suite 400 Place Laurier, 2800 Blvd, Laurier Ste Foy, Quebec, Canada; PH 418-694-4537.
Res. Officer, Farm Credit Corp (78) 15, 18, 19.
b. 1943 Canada; Citz: Canada; M-3.
BS 1968 Univ of Laval; MS 1975 MI St Univ.
Fields: 013, 012, 092.
Prev Emp: Teacher, Univ. of Laval, Morocco, 1973-74.
Lang: French; Other: Eng 1-1-1.
Mbr: ODA, CAES.

CHARLESWORTH, James R., 9210 Woodstock Road, Garden Prairie IL 61038; PH 815-547-8207.
Retail Spec., F.S. Services Inc (52) 11, 10.
b. 1947 Illinois; D-1.
AA 1968 Rock Valley Jr College; BS 1970, MS 1974 Univ of WI, Platteville.
Fields: 014, 095, 015, 112.
Prev Emp: Store Mgr, Lake Cook Farm Supply, 1970-73.
Pub: The Adjustments to Urbanization by Selected Farm Supply Cooperatives, Univ of WI 1974.
Hon: AIC.

CHASE-LANSDALE, W. Compton, Dept of Agr, MI St Univ, E Lansing MI 48824.
Graduate Student, MI St Univ (03) 23.
b. 1951 Iowa; M-0.
BA 1974 Harvard College.
Fields: 100
Prev Emp: Res Asst, IBRD, Washington DC 1975.
Lang: Fr 1-1-1, Sp 1-2-2.

CHASTAIN, E.D. Jr., Dept of Agr Econ, Auburn Univ, Auburn AL 36830; PH 826-5719.
Professor, Auburn Univ (03) 08, 07, 17.
b. 1925 South Carolina; M-2.
BS 1947 Clemson Univ; MS 1948, Cornell Univ; PhD 1956 Purdue Univ.
Fields: 063, 062, 131
Prev Emp: Assoc Prof, Auburn Univ, 1956-63; Assoc Prof, VPI & St Univ 1949-56; Capt, U.S. Army-Corps of Engineers 1944-46.

Pub: Farm Business Management, Auburn Printing Co, 1966; Adaption of Systems Analysis to Natl Income Analysis, Atlantic Econ Assn, 1975; Exercises in Microeconomics, Auburn Univ 1975.
Lang: Fr 3-0-0.
Mbr: AEA, SAEA, AAS.
Hon: Who's Who in America, American Men and Women of Science, Omicron Delta Kappa, Sigma Xi.

CHEGE, Joseph G., Agr Finance Corp, PO Box 30367, Nairobi, Kenya, Africa.

CHEN, Chong-Tong, Dept of Business Adm, Midwestern St Univ, Wichita Falls TX 76308; PH 817-692-6611.
Asst Prof, Midwestern St Univ (03) 08, 07.
b. 1935 China; Citz: China; M-0.
BS 1960, MS 1964, Chung Hsing Univ; PhD 1972 Univ of IL.
Fields: 080, 091, 035, 031.
Prev Emp: PD, Univ of IL 1972-73.
Lang: Chinese; Other: Jap 3-3-2.
Mbr: AEA.

CHEN, David Y., Dept of Econ, NC A&T St Univ, Greensboro NC 27411; PH 919-379-7744.
Asst Prof, NC A&T St Univ (03) 08, 07.
b. 1941 China; Citz: China; M-1.
PhD 1971 Univ of WI-Madison.
Fields: 026, 061, 082, 132.
Lang: Chinese
Mbr: AEA

CHEN, Dean T., 4025 Chestnut Street, Philadelphia PA 19104; PH 215-243-6451.
Dir of Agr, Wharton EFA Inc., (03) 07, 15.
b. 1935 China; Citz: USA; M-3.
BS 1956 Natl Taiwan Univ; MS 1960, PhD 1966 Univ of MN.
Fields: 081, 091.
Prev Emp: Econ, Fed Reserve Bank, San Francisco CA 1970-75; Vis. Assoc Econ, Univ of CA-Berkeley 1969-70; Econ, Deere & Company, Moline IL 1965-69.
Pub: Farm Equipment Simulations Model in the book "Corporate Simulation Models", Univ of WA Press 1970; A Polynominal Lag Formulation of Milk Production Res, AJAE Feb 1972; Forecasting Weekly Lemon Prices by a Dist. Lag Model with Fourier Transform Method, Am Stat Assoc Proceeding Dec 1970.
Lang: Chinese; Other: Eng 1-1-1.
Mbr: AEA, ASA.
Hon: Am Men & Women of Science.

CHEN, Hsi-Huang, JCRR, 37 Nan Hai Rd, Taipei 107 Taiwan; PH 331-7541.
Sr Spec, JCRR (67) 07, 18.
b. 1935 Taiwan; Citz: China; M-3
BS 1959 Natl Taiwan Univ; MS 1971, PhD 1974 Univ of GA.
Fields: 077, 051, 035, 081.
Prev Emp: Sr. Spec, Joint Comm on Rural Recons Taipei (10 years); Prof Econ, Hung Chia Univ, Taichung, 1-1/2 years.
Pub: Small Farm Economy of Taiwan, Chinese Rural Econ Assn, Taipei, December 1967; Effects of Technological Changes on Taiwan Agr Development, MS Thesis, Univ of GA 1971; A Dynamic Analysis of Supply and Demand of Lumber in the United States, PhD Dissertation, Univ of GA 1974.
Lang: Chinese; Other: Eng 1-1-1, Jap 2-3-3.
Mbr: CREA.
Hon: First PhD in Agr Econ at Univ of GA.

CHEN, Shih K., 25 Broad Street, New York NY 11209; PH 212-269-2350.
Stat. Asst, Shipowner Claims Bureau Inc (52) 13.
b. 1928 China; Citz: USA; M-3.
BS 1955 Taiwan Chung Hsing Univ; MS 1967 OK St Univ.
Fields: 051, 96, 151.
Prev Emp: Asst Spec, Taiwan Sugar Corp 1955-63.
Lang: Chinese; Other: Eng 1-1-1.

CHEN, Wu-Hsiung, 502 E. Springfield Ave, Univ of IL, Champaign IL 61820.
Graduate Student, Univ of IL.
b. 1944 Taiwan; Citz: China; M-1.
MS 1970 Chung-Hsing Univ.
Fields: 017.
Prev Emp: Asst Spec, Joint Comm on Rural Recons., Taiwan.
Lang: Chinese; Other: Eng 1-1-1.

CHENEY, Philip B., 135 Main Street, Putnam CT 06260; PH 203-928-6014.
President, CME Associates Inc (51) 10, 11, 15.
b. 1930 Massachusetts; M-2.
BS 1965 Univ of MA.
Fields: 026, 021, 038, 084.
Prev Emp: Div. Dir. Center for the Env & Man, CT 1961-71; Mgr, Laurel Crest Farm, CT, 1955-61; Weather Observer, U.S. Navy, 1951-55.
Pub: Systems Analysis of Harvesting Systems, Univ of MA 1965; Marine Resources Planning & Mgmt, Marine Tech Soc Jour 1970; Progress in Floodplain Analysis and Mgmt, IWRA Marketing, New Delhi 1975.
Lang: Sp 2-3-3, Fr 3-3-3.
Hon: Alpha Zeta

CHERN, Wen S., Energy Div, Oak Ridge Natl Lab, PO Box "X", Oak Ridge TN 37830; PH 615-483-8611.
Econ, Oak Ridge Natl Lab (36) 07, 15, 18.
b. 1941 China; Citz: China; M-1.
BS 1964 Chung Hsing Univ; MS 1969 Univ of FL; MA 1971, PhD 1975 Univ of CA-Berkeley.
Fields: 081, 016, 026, 104.
Prev Emp: Asst Prof, Univ of FL 1973-74; Res Econ, FL Dept of Citrus 1973-74.
Pub: Discontinous Plant Cost Function and a Modification of the Stollsteimer Location Model, AJAE 1970; Electricity Demand by Manufacturing Industries, Oak Ridge Natl Lab 1975; Acreage Response and Demand for Processing Tomatoes, AJAE 1976.
Lang: Chinese; Other: Eng 1-1-1.
Mbr: AEA, ES.
Hon: Phi Kappa Phi, Gamma Sigma Delta, Omicron Delta Epsilon.

CHIANG, Tze I., EDL-EES Georgia Tech, Atlanta GA 30332; PH 404-894-3813.
Prin. Res Scientist, GA Institute of Technology (03) 07.
b. 1923 China; Citz: USA; M-3.
BA 1946 Fukian Christian Univ; MS 1955, OK St Univ, PhD 1958 Univ of FL.
Fields: 101, 094, 095.
Prev Emp: Res Asst Univ of FL 1955-58; Grad Asst, OK St Univ 1954-55; Asst to Pres, China Tex Ind Corp 1947-53.
Pub: A Study of Feasibilities of a Wood Manufacturing Complex at Camak GA, Georgia Tech, 1967; Peanut Processing Opportunities, Georgia Tech 1972; The Feasibilities of Establishing Thermo-Mechanical Pulp Mills in the Coastal Plains Region of the United States, Georgia Tech 1976.
Lang: Chinese; Other: Eng 1-1-1.
Mbr: FPRS, NGS.
Hon: Gamma Sigma Delta, Who's Who in the South & Southwest, Am Men & Women of Science, Dir of Intl Biography (England).

CHIANG, Ying-Chih, Dept of Agr Econ, Natl Taiwan Univ, Taipei, Taiwan 107; PH: 02-351-8496.
Assoc Prof, Natl Taiwan Univ (03) 08, 07.
b. 1939 China; Citz: China; M-4.
BS 1962 Natl Taiwan Univ; MS 1968 Univ of CA-Davis; PhD 1973 VPI & St Univ.
Fields: 012, 011.
Prev Emp: Instr, Natl Taiwan Univ 1968-70; Teaching Asst Natl Taiwan Univ 1964-66.
Pub: Economic Strategies for Beef Cattle Production Applied to the Shenandoah Area of Virginia, Dissertation 1973; Bayesian Decision Strategies Applied to Production and Marketing Decisions for Cow-Calf Farms in the Shenandoah Area of VA, SJAE December 1974.
Lang: Chinese; Other: Eng 1-1-1.
Mbr: AEA, RES of China.

CHICOINE, David L., Region 3, Extension Office, RR1, Macomb IL 61455; PH 309-837-3943.
Res Assoc & Road Proj Coord, Univ of IL (03) 02, 09, 07.
b. 1947 South Dakota; M-2.
BS 1969 SD St Univ, MS 1971 Univ of DE.
Fields: 030, 038, 039, 032.
Prev Emp: Sr Planner, NE IL Plng Comm, Chicago, May 1974; Area Crd Adv, Univ of IL Ext Service, Macomb IL 1971-73.
Pub: West Central Illinois: A Regional Profile, Univ of IL, CES 1974; The Alternatives - An Overview in Illinois Space for Tomorrow: Land Resources, Public Policy Formulation, Univ of IL, CES 1975.
Mbr: ASPO.

CHIDEBELU, Angus N., Dept of Agr Mgmt, Univ of Nigeria, Nsukka, Nigeria.
Jr. Fellow, Univ of Nigeria (03) 23.
b. 1948 Nigeria; Citz: Nigeria; M-0.
BS 1973 Univ of Nigeria.
Fields: 014.
Prev Emp: Jr Fellow, Univ of Nigeria 1974-75; Div Asst Reg of Coop Soc Nigeria 1973-74.
Lang: Ibo; Other: Eng 1-1-1.
Mbr: APMA (Nigeria).

CHING, Chauncey T.K.,Division of Agr & Res Econ, Univ of Nevada, Reno NV 89507; PH 702-784-6701.
Assoc Prof, Univ of NV-Reno (03) 07, 08, 02.
b. 1940 Hawaii; M-2.
AB 1962 Univ of CA-Berkeley; MS 1965, PhD 1967 Univ of CA-Davis.
Fields: 011, 031.
Prev Emp: Asst Prof, Univ of NH 1968-72; Agr Econ, USDA-ERS, Davis CA 1963-68.
Pub: Effect of Use Value Assessment on Property Tax Rates, AJAE 1970; A Note on the Stability of Farm Size Distribution, AJAE 1973; The Effect of Park Use on Surface Water Quality, Growth & Change 1974.
Lang: Sp 3-3-3.
Mbr: CDS.

CHINPRAHUST, Sritong, Proj. Div Off of the Under Sec of State, Mins of Agr & Coops, Bangkok, Thailand; PH 818-710.
Second Grade Officer, Government (23) 15, 22.
b. 1939 Ayuthya; Citz: Thailand; U.
BA 1965 Thammasat Univ.
Fields: 016, 036, 046, 077.
Prev Emp: Econ Officer, MOAC, April 1966.
Pub: Evaluate Fisheries Projects, Bangkok, Thailand.
Lang: Thai; Other Eng 2-2-2.

CHISHOLM, Anthony H., Dept of Agr Econ, SGS, Australian Natl Univ, Canberra, Australia, 2600
Sr Lecturer, Australian Natl Univ (03) 08, 07.
b. 1939, New Zealand; Citz: Australia; M-2.
MA 1964 Massey Univ; PhD 1976 Australian Natl Univ.
Fields: 137, 017, 020, 060.
Prev Emp: Res Fellow, Univ of New England 1964; Lectr 1966; Sr Lectr 1973 ANU.
Pub: Inc Taxes & Invest Decisions: Long-Life Apprec Asset Case, Econ Inquiry 1975; Effect of Tax Deprec Policy & Invest Incent on Optimal Equipment, AJAE 1974; Criteria for Determ Optimum Replacement Pattern, JFE 1966.
Mbr: AEA; AAES; IAAE.

CHISHOLM, Roger K., Dept of Econ, Memphis St Univ, Memphis TN 38152; PH 901-454-2473.
Assoc Prof, Memphis St Univ (03) 08, 07, 15.
b. 1937 Illinois; M-3.
BS 1959 Univ of IL, MS 1960 IA St Univ; PhD 1967 Univ of Chicago.
Fields: 075, 093, 085, 067.
Prev Emp: Asst Prof, NW Univ 1965-71; Asst Prof, Univ of KS 1964-65.
Pub: Forecasting Methods, Homewood: Richard D Irwin Inc 1971; Inter Organizational Decision Making, Chicago: Aldine-Atherton 1972; Your Welfare, Glenview: Scott Foresman 1976.
Lang: Sp 2-0-0.
Mbr: AEA, WAEA, SAEA.

CHOI, Young-IL, Chenogryang, PO Box 113, Seoul, Korea. PH 97-8811-7.
Res Asst, Korea Devl Institute (70) 07.
b. 1945 Korea; Citz: Korea; M-2.
BS 1972 Seoul Natl Univ; MS 1976 MI St Univ.
Fields: 019, 011.
Lang: Korea; Other: Eng 1-2-2.
Mbr: KAEA (Korea) NAERI.

CHOUDHURY, Parimal, College of Soc Sci, Univ of Puerto Rico, Rio Piedras PR 00931; PH 809-764-0000.
Assoc Prof, Univ of PR (03) 08, 07.
b. 1932 India; Citz: USA; M-0.
BA 1959 Univ of Calcutta; MS 1965, PhD 1967, Univ of HI.
Fields: 051, 011, 062, 073.
Prev Emp: Asst Agr Econ, Agr Expt Sta, PR 1967-70; Asst Prof, Univ of PR, 1970-72; Instr, Univ of HI 1967.
Pub: The Food Distribution System and Food Stamp Program in Puerto Rico, Executive Press, PR 1975 (book); Economic Feasibility of Establishing a Soybean Processing Plant in PR, Agr Exp Sta, PR 1974; A Glance at the Sugar Policy, Sugar Yazucar, New York 1971.
Lang: Bengali; Other: Eng 1-1-1, Sp 1-1-1.
Mbr: AEA, SAEA.
Hon: East-West Center, Gamma Sigma Delta, Phi Kappa Phi.

CHOWDHURY, Ashok, Dept of Econ, East Hall Iowa St Univ, Ames IA 50010.

CHRIST, Paul G., 614 McKinley Place, Minneapolis MN 55413; PH 612-331-6330.
Agr Mktg Spec, Land O'Lakes, Inc. (52) 18, 19, 15.
b. 1938 Illinois; M-8.
BS 1960, MS 1962 So IL Univ.
Fields: 014, 017, 016, 082.
Prev Emp: Sup. Agr Econ, USDA 1970-73; Agr Econ, Cost of Living Council, Washington DC 1973-74.
Pub: Operations of Illinois Egg Dealer, So IL Univ 1962.
Mbr: IAAE, AEA.
Hon: Phi Kappa Phi, Alpha Zeta, Omichron Delta Epsilon.

CHRISTENSEN, James E., 1417 Greenock Road, Columbus OH 43228; PH 614-871-2917.
Agr Econ, SCS-USDA (23) 22, 18, 06.
b. 1928 Nebraska; M-2.
BS 1959 Univ of NE.
Fields: 011, 021, 035.
Mbr: SCSA, NACD.

CHRISTENSEN, Lee A., 1974 Sproul Rd, USDA, 4th Floor, Broomall PA 19008; PH 215-353-6889.
Proj Leader, Agr Econ, (16) 07, 06.
b. 1938 Illinois; M-2.
BS 1961, MS 1966 IA St Univ; MBA 1972, PhD 1975 MI St Univ.
Fields: 026, 011, 021, 094.
Prev Emp: Agr Econ, USDA, MI, 1968-72; Agr Econ, USDA, NE 1966-68; 1st Lt, U.S. Army, Korea, 1962-64.
Pub: An Economic & Institutional Analysis of Land Treatment as a Wastewater Management Alternative, PhD Dissertation MI St Univ, 1975; A Framework for Evaluating Institutional and Socio-Economic Issues of Land Treatment of Waste Water, Jour of Env Quality 1975; An Overview of Grain Handling and Processing in the Upper Great Lakes, Corps of Eng, Chicago IL 1972.
Lang: Fr 3-3-3.
Mbr: AEA, SCSA.

CHRISTENSEN, Paul J., Agronomy Dept, Purdue Univ, W. Lafayette IN 47907; PH 317-749-2891.
Graduate Student, Purdue Univ (03) 07, 23.
b. 1948 Oregon; U.
BS 1970 Stanford Univ; MS 1976 Purdue Univ.

Fields: 152, 105, 076.
Prev Emp: Peace Corps, Ethiopia 1970-73.
Lang: Amharic 3-3-1.
Mbr: ASA.

CHRISTENSEN, Raymond P., 3723 Prince William Drive, Fairfax VA 22030; PH 273-3262.
Agr Econ, Christense Associates, (66) 18, 19.
b. 1914 Wisconsin; M-1.
BS 1936, PhD 1947 Univ of WI
Fields: 118, 073, 117, 112.
Prev Emp: Director,ERS-USDA 1968-71; Dep Dir. ERS-USDA 1963-68, Washington DC.
Pub: Efficient Use of Food Resources, USDA 1948; Economic Progress of Agriculture in Developing Countries, USDA 1969; Review of Agricultural Policies and Programs of Sri Lanka, World Bank 1974.
Hon: Sup Serv Award USDA 1967, AFEA Res 1950.

CHRISTENSEN, Robert L., Dept of Food & Res Econ, Draper Hall, Univ of MA, Amherst MA 01002; PH 413-545-2491.
Professor, Univ of MA (03) 09, 07, 08.
b. 1935 Michigan; M-2.
BS 1958 MI St Univ; MS 1960 Univ of DE, PhD 1967 NC St Univ.
Fields: 011, 014, 026, 031.
Prev Emp: Sr Res Fellow, Dept of Agr, Canada, 1974-75; Asst Prof, Univ of NH 1963-68.
Lang: Fr 3-0-0.
Mbr: NEAEC, Pres 1971-72, Ed 1972-74; WAEA.
Hon: Am Men & Women of Science.

CHRISTENSEN, S. Kent, 1725 Eye Street NW, Washington DC 20006; PH 202-331-7822.
VP & Agr Counsel, Natl Assn Food Chains (53) 04, 07, 18.
b. 1922 Utah; M-4.
BS 1948 UT St Univ; MS 1950, PhD 1953 Cornell Univ.
Fields: 090, 100, 050.
Prev Emp: Asst Prof, UT St Univ 1950-51; Asst Prof, Cornell Univ 1953-55; Assoc Prof, OR St Univ 1955-60.
Pub: Milk Control Programs Northeastern States, Cornell Univ 1954.
Mbr: AMA.
Hon: UT St Univ Merit Alum Award 1975.

CHRISTIAN, W. E., 5010 Willowbend, Houston TX 77035.

CHRISTIANSEN, Martin K., 217-E Classroom Office Bldg, Univ of MN, St Paul MN 55108; PH 612-376-3436.
Professor, Univ of MN (03) 09, 08, 07.
b. 1922 Minnesota; M-4.
BS 1950, MS 1956, PhD 1964, Univ of MN.
Fields: 017, 014, 018, 016.
Prev Emp: Econ, USDA, 1968-69; Econ, Natl Comm on Food Mktg, Washington DC 1965.
Pub: The Impact of Milk Holding on Midwest Markets, Univ of MN 1969; Farm Policy for the 1970's, Univ of MN 1970; A Government Administered Agriculture, Univ of IL 1973.

CHRISTOPHERSEN, Kjell A., Inst of Agri-Bus, Univ of Santa Clara, CA 95053; PH 408-984-4009.
Asst Prof, Univ of Santa Clara CA (03) 08, 07, 09.
b. 1942 Norway; Citz: Norway; M-1.
BS 1966, MS 1970 Univ of ID; PhD 1974 WA St Univ.
Fields: 026, 076, 017, 013.
Prev Emp: Econ FMC Corp, CA 1974-75; Res Assoc, Univ of ID 1970-74.
Pub: Economic Effects of Wild and Scenic Rivers, Restrictions on Private Property, Pullman WA Dissertation 1974; Analysis of Attitudes and Opinions of St Joe Riv Basin Landowners Univ of ID 1972; Attitudes and Opinions of Recreationists Toward Wild and Scenic Rivers, Univ of ID 1973.
Lang: Norwegian; Other: Fr 2-3-2, Ger 2-3-2.

CHRISTY, Ralph D., Dept of Agr Econ, MI St Univ, E. Lansing MI 48824; PH 517-353-7208.
Student (03) 23.
b. 1953 Louisiana; U.
BS 1975 Southern Univ.
Fields: 073, 017.
Prev Emp: Econ AID, USDA, 1975; Jr. Res Asst, USAID, 1973; Conservation Aid, USDA, 1972.
Pub: Abstract-The Use of Elasticities as a Tool in Measuring the Impact of Current Sugar Policy, AJAE 1975.
Lang: Fr 0-0-2, Sp 0-0-2.
Hon: Kappa Phi Kappa, Alpha Kappa, MU, Who's Who Among Am College Students.

CHUN, Joong I., 77 Sejongro, Ministry of Agr & Fisheries, Seoul, Korea; PH 70-2920.
Chief of Acct Section, Government (78) 06.
b. 1937 Korea; Citz: Korea; M-2.
BA 1960 Seoul Univ; MA 1970 Dong Kuk Univ.
Fields: 014, 096, 112.
Prev Emp: Chief of Storage Section, Mins of Agr & Fisheries, Seoul, Korea 1974-75.
Lang: Korean; Other: Eng 1-1-2.

CHURCH, Phillip E., AID-ROCAP, Am Embassy, Guatemala, APO New York NY 09891.
Agr Econ, AID (24) 18, 07, 22.
b. 1941 Oregon; M-2.
BA 1963 Univ of Chicago; MA 1967 Stanford Univ; PhD 1970 OR St Univ.
Fields: 017, 070, 110, 050.
Lang: Fr 2-3-2, Sp 1-2-1.
Mbr: AEA.

CINEMRE, Huseyin A., TTRM, Arastirma ve Egitim, Enstitusu, GMD, Tunali, Hilmi CD #60, Ankara, Turkey; PH 254120.
Agr Econ, Agr Ref UnSec (78) 07, 20.
b. 1945 Turkey; Citz: Turkey; U.
BS 1970 Ataturk Univ; MA 1974 Univ of ID.
Fields: 012, 060, 070, 080.
Prev Emp: Agr Econ, Ankara, Turkey 1972-75.
Lang: Turkish; Other: Eng 2-1-2.

CIRIACY-WANTRUP, S. V., Dept of Agr & Res Econ, Univ of CA, Berkeley CA 94720; PH 415-642-3440.
Professor, Univ of CA (03) 07, 26.
b. 1906 W. Germany; Citz: USA; U.
MS 1930 Univ of IL, PhD 1931 Univ of Bonn, Germany.
Fields: 020, 060.
Pub: Resources Conservation: Economic and Policies, Berkeley CA 1968; Natural Resources in Economic Growth: The Role of Institutions and Policies, AJAE 1969; Common Property as a Concept in Natural Resources Policy, Natural Res Jour 1975.
Mbr: AAAS, AEA, AAUP.
Hon: Who's Who in Am, Dir of Am Scholars, Leaders in Education, Intl Who's Who, Am Men & Women of Science, Fellow AAEA, Fellow AAAS.

CIZMECI, Necdet C., T C Ziraat Bankasi-genel, Mudurlugu, Ziraikredizer, Mudurlugu, Ankara, Turkey.
Agr Eng., Agr Bank of Turkey (32) 22, 09, 21.
b. 1942 Turkey: Citz: Turkey; M-1.
MS 1975 Am Univ of Beirut.
Fields: 151, 013, 022.
Pub: Land Reform Applications in Urfa-Turkey, Thesis, Beirut, Lebanon 1975.
Lang: Turkey; Other: Ger 2-3-2.

CLARE, A. B., Weaver Bldg, Dept of Agr Econ, PA St Univ, University Park PA 16802.

CLARK, Harold B., Food & Res Dept, Univ of FL, Gainesville FL 32611; PH 904-392-1848.
Professor Univ of FL (03) 08, 09, 07.
b. 1915; Kentucky; M-4.
BA 1937 Berea College; PhD 1950 Univ of KY.
Fields: 014, 013, 015, 017.
Prev Emp: Asst & Assoc Prof, Univ of KY 1948-58; Rural Rehab Supr, USDA, Eastern Kentucky 1939-42.
Pub: The Role of Farmers Coop Assn in the Marketing of Dark Tobacco Ky-Tenn, 1931-1953, Univ of KY No. 637 1955; Agr Cooperatives for Production Marketing & Credit, Land Reform Symposium, India 1963; The Role of Power in Social and Economic Development, Southern Agr Workers 1968.
Lang: Ger 3-3-3, Indo 3-3-3.
Hon: Phi Kappa Phi, Prof of Year in Agr.

CLARK, Lewis E., ROCAP, Guatemala, APO New York NY 09891.

CLARK, Richard T., Rm 435, 100 Centennial Mall North, Lincoln NE 68508; PH 402-471-5371.
Agr Econ, NRED-ERS-USDA (16) 15, 07.
b. 1940; M-2.
BS 1962, MS 1964 Univ of WY; PhD 1972 OR St Univ.
Fields: 021, 031, 035, 011.
Prev Emp: Asst Prof. Instr, Univ of WY 1972-75, 1965-72; Mgr Trainee, Idaho First Natl Bank, Boise ID 1964-65.
Pub: The Star Valley Economy, Univ of WY Exp Sta 1974; A Case Study-An Analysis of Univ Faculty Salaries, NACATA Jour 1975; Pollution Control Policy Effects on Irrigated Farms, WAEA Proceedings 1972.
Mbr: WAEA, SCS.

CLARK, Robert W., 141 W Jackson Blvd, Rm A-1, Chicago IL 60610; PH 312-353-5994.
Adm Central Region, Commodity Futures Trading Comm (36) 06.
b. 1934 Illinois; U.
BS 1956, MS 1962 Univ of IL.
Fields: 014.
Prev Emp: Dir Central Reg, CEA USDA, Chicago 1969-75; Dep Div Dir, CEA USDA, Washington DC 1967-69, Branch Chief CEA-USDA Chicago 1964-67.
Mbr: Gamma Sigma Delta.
Hon: Certificate of Merit, CEA-USDA 1969.

CLARKE, James H., Div of Res Mgmt, WV Univ, Morgantown WV 26506; PH 304-293-3232.
Professor, WV Univ, (03) 08, 07.
b. 1913; Kentucky; M-2.
BS 1935; MS 1937 Univ of KY; PhD 1969 U MN
Fields: 014, 015, 016.
Prev Emp: Asst Ext Econ, WV Univ, Morgantown WV 1939-42; Asst in Mktg, Univ of KY, 1938-39.

Pub: Effect of an Advertising Campaign on Hot Cocoa Consumption, WV Univ Agr Exp Sta 1970; Agriculture-Its Importance in West Virginia, WV Univ Agr Exp Sta 1970; The Broiler Industry in West Virginia, WV Univ Agr Exp Sta 1949.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: NEAEC, SAEA.
Hon: Alpha Zeta, Omicron, Delta Kappa Gamma Sigma Delta.

CLARKE, John G., UNDP-FAO, Box 30218, Nairobi, Kenya, Africa.
Proj Mgr, UN-FAO (63) 22.
b. 1931; Citz: Britain; M-2.
BA 1961 Allegheny College, MS 1964 Cornell Univ.
Fields: 014, 073.
Prev Emp: Mktg Econ, Centre for R&D Bahia, Brazil 1974-75; Mktg Econ, Inst Food Tech, Campinas, Brazil 1971-73.
Pub: Processed Food Market Study, SUDENE, Recife Brazil 1975; Europe Market for Fresh Fruit, CEPED, Salvador, Brazil 1975; Agricultural Marketing Thailand FAO, Rome, Italy 1971.
Lang: Por 1-2-1, Fr 2-0-0.
Mbr: AMA.

CLAWSON, Marion, Res for the Future, 1755 Massachusetts Ave NW, Washington DC 20036; PH 202-462-4400.
Resources for the Future (71) 07, 04.
b. 1905; M-4.
BS 1926, MS 1929 Univ of NV; PhD 1943 Harvard Univ.
Fields: 026, 023, 025, 017.
Prev Emp: Act Pres, Res for the Future, Washington DC 1974-75, Dir., Bureau of Land Mgmt, Washington DC 1948-53; Various Bureau of Agr Econ, 1929-46.
Pub: Forests for Whom and for What? Baltimore MD 1975; Suburban Land Conversion in U.S., Baltimore MD 1971; Economics of Outdoor Recreation Baltimore MD 1966.
Mbr: Soc for Intl Devl V.P. 1963-66, WAEA, Pres. 1946, Soc for Range Mgmt.
Hon: Who's Who in America, Fellow AAEA, Philadelphia Soc for Promoting Agr, Award.

CLAY, Edward J., PO Box 98, Ramna, Dacca-2, Bangladesh.
Assoc., Agr Devl Council Inc (72) 07, 04, 22.
b. 1944; Citz: UK; M.
BA 1967 Cambridge Univ, PhD 1974 Sussex Univ.
Fields: 105, 010, 073, 021.
Prev Emp: Lect, Univ of Papua, New Guinea 1972-74; Asst Res Officer, Natl Inst for Econ & Soc Res, London, 1967-68.
Pub: Innovation, Inequality and Rural Planning, PhD Dissertation, Univ of Sussex 1974.
Lang: Fr 2-2-2, Bengali 2-3-2.

CLAYTON, Kenneth C., G-109 McCarty Hall, Dept of Agr Econ, Univ of FL, Gainesville FL 32611; PH 904-392-1017.
Asst Prof., Food & Res Dept (03) 07, 09.
b. 1947; New Jersey; M-2.
BS 1970 Rutgers Univ; MS 1972, PhD 1976 Purdue Univ.
Fields: 038, 032, 035, 031.
Prev Emp: Grad Res Asst, Purdue Univ, 1970-75; Student Asst, Rutgers Univ 1968-69.
Pub: Solid Waste Management: The Regional Approach, Ballinger Pub Co, Cambridge MA 1974; Rural Solid Waste Collection: Indiana's Experience, Purdue Exp Sta Bull #109, 1975; Meth for Size, Number, Location and Solid Waste Disposal Sites, Urban Econ Rep 40, Univ of Chicago 1970.
Mbr: SAEA, Comm. Devl Soc.
Hon: Sigma Xi, Phi Kappa Phi, Gamma Sigma Delta.

CLAYTON, Paul C., Poultry Adm Bldg, OH State Univ, Columbus OH 43210.

CLEMENT, Shelden L., 873 Florence Blvd, Florence AL 35630; PH 205-764-8743.
Realtor, Self Employed (75) 51, 11, 10.
b. 1902; Mississippi; M-22.
BS 1924, MS A&M College; MS 1932 NC St Univ; PhD 1954 Harvard Univ.
Fields: 014, 017.
Prev Emp: Realtor-Broker, Clement Realty Inc 1967- --; Branch Chief, TVA, Agr Devl, Knoxville TN 1945-61, Florence AL 1961-67.
Pub: Role of TVA Fertilizer in Educational Programs, Harvard Univ 1954.

CLEVELAND, Douglas W., Div of Res Mgmt, WV Univ, Morgantown WV 26506; PH 304-293-3231.
Grad Res Asst, WV Univ (03) 23, 07.
b. 1946; New York; M.
AAS 1970 SUNY; BS 1974 WV Univ.
Fields: 012, 014, 011, 013.
Prev Emp: Summer Asst, NY Coop Ext, Breesport NY 1974; Radar Man in U.S. Navy, 1967-68.

CLEVELAND, O. A. Jr., ERS-USDA, MS Delta Exp Sta, Stoneville MS 38776; PH 601-686-9311.
Agr Econ, ERS (16) 07, 18, 20.
b. 1945; Mississippi; M-1.
BS 1967, MS 1970, MS St Univ; PhD 1976 OK St Univ.
Fields: 014, 016.
Prev Emp: Inst Univ of MD Far East Div Saigon, 1972.

Pub: Estimation of Nonstationary Transition Probabilities for Agricultural Firm Size Projection, Annals of Regional Science, 1976; Projection of Cotton Warehouse Facilities for Oklahoma, A Market Process, SJAE, 1975; Predictions of the Distribution of Future Residents in Oklahoma, Growth & Change, 1975.
Mbr: SAEA, WAEA.
Hon: Who's Who in Am Univ & Coll.

CLEVENGER, Thomas Scott, Box 3169, NM St Univ, Las Cruces NM 88003; PH 505-646-2524.
Assoc Prof, NM St Univ (03) 07, 08.
b. 1940; M-2.
BS 1962, MS 1964 OR St Univ; PhD 1968 MI St Univ.
Fields: 101, 014, 015, 081.
Prev Emp: Asst Prof, NM St Univ, Las Cruces NM 1968-72.
Pub: Intraseasonal Lettuce Demand & Supply, WAEA 1974; Economic Development Strategies, WAEA 1972; An Approach to Planning WAEA 1972.
Mbr: WAEA.
Hon: Hon. Fellow in Agr Econ, Univ of WI 1975.

CLIFFORD, Richard L., Apartado 75, Esteli Nicaragua.
Volunteer, U.S. Govt Peace Corps (25) 09, 07, 18.
b. 1951; M.
BS 1973 Georgetown Univ; MS 1975 Oxford Univ.
Fields: 070,110, 010, 060.
Lang: Sp 1-1-1.
Mbr: Intl Assoc of Agr Econ.

CLIFT, Patrick J., Box 1024, Canfarm Service Agency, Guelph, Ontario, Canada; PH 519-821-8000.
Senior Econ, Canfarm Service Agency (26) 07, 20, 10.
b. 1942; Citz: Canada; M-2.
BS 1967, MS 1971 Univ of Saskatchewan.
Fields: 013, 012, 096, 084.
Prev Emp: Loan Review Officer, Fed Farm Credit Corp, Toronto 1971-72; Credit Adv, Fed Farm Credit Corp, Regina, Sask, Canada 1967-71.
Mbr: CAES, CEA, Agr Inst of Canada.

CLIFTON, Ivery D., 305 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 61820; PH 217-333-1819.
Agr Econ, USDA (16) 23, 07, 15.
b. 1943; M-1.
BS 1965, MS 1967 Tuskegee Inst.
Fields: 022, 013, 026.
Econ, TVA, Muscle Shoals AL 1966.
Pub: Classifications of Farm Real Estate Markets, Agr Econ Res 1975; Farm Real Estate Market Development, USDA, Semi Annual Report 1972.
Lang: Fr 2-2-2.
Mbr: NS&WC.
Hon: USDA Achievement Award, Who's Who in American Colleges & Universities.

CLODIUS, Robert L, 4123 Helen C. White Hall, 600 N. Park Street, Madison WI 53706; PH 608-263-3711.
Professor, Univ of WI-Madison (03) 01, 08, 22.
b. 1921 Washington; M-2.
1938-1940 Whitman College; BS 1942, PhD 1950 Univ of CA-Berkeley; LLD (Hon) Whitman College 1970.
Fields: 060, 073, 017.
Prev Emp: Acting Pres, Univ of WI-Madison 1970; President, Univ of WI-Madison, 1964-71.
Hon: Who's Who in America, American Men and Women of Science.

CLOUTIER, Raymond M., 2197 Riverside Drive, 4th Floor, Ottawa, Ontario, Canada K1A-022; PH 613-998-8920.
Econ Adv, Canadian Dairy Comm (78) 18, 06.
b. 1941; Citz: Canada; M-2.
BA 1962 Steanne, Quebec; BS 1966 Laval Univ
MS 1968 Guelph, Ontario, Canada.
Fields: 017, 018, 011, 017.
Prev Emp: Econ, Ont Milk Mktg Board, Toronto 1970-72; Econ, Quebec Dept of Agr, Montreal, 1968-70.
Lang: French; Other: Eng 1-1-1.
Mbr: CDA,CAES.

COALE, Charles W., Jr., Dept of Agr Econ, 322 Hutcheson Hall, VA Tech, Blacksburg VA 24061; PH 703-951-5562.
Assoc Professor, VPI & St Univ (03) 09, 07.
b. 1935 Maryland; M-3.
BS 1959, MS 1964 Univ of MD; PhD 1969 PA St Univ.
Fields: 015, 014, 024.
Prev Emp: Instr, PA St Univ 1968.
Lang: Fr 2-0-0.
Mbr: AMA.
Hon: Dist. Ext Prog Award, AAEA 1973, Gamma Sigma Delta, Phi Tau Sigma.

COATS, Norman M., Checkerboard Square, St Louis MO 63188; PH 314-982-3427.
Dir, Econ Res Dept, Ralston Purina Co, (51) 15, 07.
b. 1925 Indiana; M-3.
BS 1950 Purdue Univ; MS 1958 WA Univ.
Fields: 014, 018, 016, 015.
Mbr: AFMA, NABE, AMA.
Hon: Who's Who in Mid-West, Intl Who's Who.

COATS, Robert E. Jr., Box 5187 MS St Univ, Mississippi State MS 39762.

COBIA, David W., Dept of Agr Econ, ND St Univ, Fargo ND 58102. PH 237-7441.
Assoc Prof, ND St Univ (03) 07, 08.
b. 1934 Canada; M-3.
BS 1960, Brigham Young Univ; MS 1963, PhD 1967 Purdue Univ.
Fields: 014, 095.
Prev Emp: Grad Asst, Purdue Univ 1966-67; Mktg Spec, Utah, 1960-61.
Pub: Sunflowers: Production, Pests and Marketing, Fargo ND 1975; Comparing Income from Competing Crops, Fargo ND 1974; Management: Marketing in Agribusiness, Fargo ND 1975.
Mbr: AMA.

COCHRANE, Willard W., Dept of Agr & Applied Econ, Univ of MN, St Paul MN 55108; PH 612-376-3560.
Professor, Univ of MN (03) 19, 08, 22.
b. 1914 California; M-4.
BS 1937 Univ of Berkeley CA; MS 1938 MT St College; MPA 1942, PhD 1945 Harvard Univ, LLD 1967 MT St Univ.
Fields: 017, 016, 073, 077.
Prev Emp: Dean, Off of Intl Prog, Univ of MN 1965-70; Dir, Agr Econ, USDA, Washington DC 1961-64.
Pub: American Farm Policy 1948-73, Univ of MN Press 1976; Agricultural Development Planning, Praeger Publishers 1974; Economics of American Agriculture, Prentice-Hall 1974.
Mbr: NPA, AEE, CC.
Hon: Who's Who in America, American Men & Women of Science, Natl Faculty Dir; Littauer Fellow, Harvard Univ, USDA Dist. Award, Fellow AFEA.

COFFEY, Fredric A., 2203 Foxcroft Circle, Denton TX 76201.
Retired Agr Econ (16) 26.
b. 1905 Texas; M-3.
BA 1925 NTSU; MA 1929 Univ of TX, PhD 1940 Cornell Univ.
Fields: 073, 118, 012, 157.
Prev Emp: Agr Econ USDA 1961-71; Agr Stat, USDA 1948-60.
Lang: Sp 3-2-3, Por 3-1-3.
Mbr: SID, OPEDA.

COFFEY, Joseph D., Dept of Agr Econ, VPI & St Univ, Blacksburg VA 24061; PH 703-951-6301.
Prof & Dept Head, VPI & St Univ, (03) 02, 08, 09.
b. 1938 Indiana; M-3.
BS 1960 Purdue, MS 1963, PhD 1966 NC St Univ.
Fields: 017, 030, 011.
Prev Emp: Vis. Prof, Lima, Peru 1963-65; Asst Prof, Univ of CA-Berkeley 1959-69; Anal, USDA 1969-72.
Pub: Personal Distribution of Farmers Income, AJAE 1968; Economic Aspects of Dairy Feeding, AJAE 1963; Impact of Technology on Peru Agriculture, AJAE 1967.
Lang: Sp 1-1-1.
Mbr: AEA, SAEA.
Hon: Cit. U.S. Pres for Rural Devl 1972; Cert of Merit, USDA 1971.

COFFING, Arthur L., Rm 341 ERS-USDA, 500 12th Street, SW, Washington DC 20250; PH 202-447-8383.
Agr Econ, USDA (16) 07, 15.
b. 1941 North Dakota; M-2.
BS 1963 ND St Univ; MS 1965 Univ of ID, PhD 1974 IA St Univ.
Fields: 016, 112, 017.
Prev Emp: U.S. Army 1967-69; Grad Asst, IA St Univ 1965-67; Grad Asst, Univ of ID, 1963-65.
Pub: Canada: Growth Potential of the Grain and Livestock Sectors, USDA, 1972; Forecasting Wheat Production in Turkey, USDA 1973.
Lang: Fr. 2-3-3.

COFFMAN, Dick L., Fifth & Pierce, Sioux City IA 51102; PH 712-277-1500.
Asst Farm Mgr, First Natl Bank (51) 20.
b. 1952 Nebraska; M-0.
BS 1973, Univ of NE; MS 1976 IA St Univ.
Fields: 014, 013, 012, 111.
Mbr: ISFM&RA.

COFFMAN, George W., USDA, Washington DC 20250; PH 202-447-6860.
Agr Econ, USDA (16) 07.
b. 1933 Missouri; M-2.
BS 1956, MS 1959 Univ of MO.
Fields: 011, 017, 101, 017.
Prev Emp: Agr Econ, Census Bureau, Washington DC 1958-62.
Pub: Farm Corporations: A Financial Analysis, ERS-USDA 1973; Corporations With Farming Operations, ERS-USDA 1971.
Lang: Fr 3-0-0.

COHEE, Melville H., PO Box 450, Madison WI 53701; PH 608-266-0830.
Tech Cons., WI Dept of Natural Resources (40) 07, 19, 22.
b. 1909 Indiana; W-2.
BS 1931, MS 1932 Purdue Univ; 1937 Harvard Univ.
Fields: 025, 026, 012, 033.
Prev Emp: Agr Econ, No Gr Lakes St Grp, WI, MN, MI (SCS) 1963-65; Agr Econ (SCS) WI 1953-62; Sr Econ Cons, UN-FAO, Teheran, Iran 1970.
Pub: Impact of State Land Ownership on Local Economy in Wisconsin, Tech Bull #80, DNR, Madison WI 1974; Impact of Kentucky State Resort Parks on Local and State Economics, Sec of Devl Cabinet, Frankfort KY 1975; Recreation Areas and Their Use, Tech Bull #55, DNR, Madison WI 1972.
Mbr: SCSA, NWFB, NWFU.
Hon: Who's Who in Midwest Agr; Fellow Soil Cons Soc of Am, KY Col.

COHEN, Marshall H., 500 12th Street SW, Washington DC 20250; PH 202-447-8056.
Econ, ERS-USDA (16) 07, 15, 18.
b. 1932 Rhode Island; U.
BA 1954 Brown Univ; MA 1966 Georgetown Univ.
Fields: 112, 018, 113.
Pub: Demand for Soybean Meal in Denmark, USDA 1974; New Directions in Sweden's Agriculture Policy, USDA 1975.
Lang: Danish 3-0-0.
Mbr: ASF.
Hon: Who's Who in South & Southwest.

COLACICCO, Daniel, Dept of Agr Econ, College Park MD 20740; PH 301-454-3810.
Grad Res Asst, Univ of MD (03) 07, 23.
b. 1951, Washington DC; M-0.
BA 1973, MS 1975 Univ of MD.
Fields: 020, 081, 062.

COLETTE, W. Arden, Dept of Agr & Food Res, Univ of FL, Gainesville FL 32611; PH 904-392-1881.
Asst Prof, Univ of FL (03) 07, 09, 08.
b. 1938 Colorado; M-4.
BS 1960, MS 1972 CO St Univ; PhD 1975 IA St Univ.
Fields: 011, 031, 021, 073.
Prev Emp: VP, Colette Farms Co, 1967-72; Seed Imp Sp CO St Univ, 1965-66; Co Agr, CO St Univ 1962-64.
Pub: Impact of Water Right Constraints on the Regional Allocation of Agricultural Production, CARD, IA St Univ 1976.

COLEY, Basil G., Dept of Agr Econ, NC A&T Univ, Greensboro NC 27406; PH 919-275-3821.
Econ Prof, NC A&T Univ (03) 08, 07.
b. 1935 Jamaica; M-0.
BS 1961 NC A&T Univ; MS 1962 PA St Univ; PhD 1971 Univ of IL.
Fields: 071, 017, 014, 076.
Prev Emp: Sr Stat, Jamacia, Mins of Agr 1964-66; Agr Officer, Jamacia Mins of Agr 1962-64.
Pub: Comparative Analysis of Some Factors Affecting Economic Growth in Jamaica and Puerto Rico 1971; University and Farmers Cooperatives in NC: Model for Developing Countries, Phelps-Stokes Foundation 1973.
Mbr: AEA, SAEA, SEA.
Hon: Who's Who in America, American Men and Women of Science, Omicron Delta Epsilon.

COLLINGS, Gerald W., 277 Park Avenue, New York NY 10017; PH 212-826-5446.
Sr Econ, Continental Grain Co (51) 15, 07, 10.
b. 1934 USA; M-2
BS 1962, MS 1964 Purdue Univ.
Fields: 090, 014, 051, 112.
Prev Emp: Sr Econ, Battelle Mem Inst, 1963-75.
Lang: Other Sp 3-0-0.
Mbr: NASCP, SAFSR.
Hon: Fellow, Soc for Adv of Food Serv Res.

COLLINS, Arthur J., 323 Mumford Hall, Univ of Missouri, Columbia MO 65201; PH 314-388-4627.
Grad Res Asst, Univ of MO (03) 23, 07.
b. 1952 Missouri; M-0.
BS 1975 Univ of MO.
Fields: 014, 015, 051, 052.
Prev Emp: Self-Employed.

COLLINS, Keith J., 205 - 1911 Bldg, NC St Univ, Raleigh NC 27607; PH 919-737-2617.
Res Asst, NC St Univ (03) 07.
b. 1947 Connecticut; M-0.
BS 1969 Villanova Univ; MA 1973 Univ of CT; PhD 1975 NC St Univ.
Fields: 016, 112, 081.
Mbr: AEA, SEA, SAEA.

COLLINS, Norman R., 320 East 43rd St New York NY 10017; PH 212-573-4963.
Prog Adv, Ford Foundation (72) 04, 07, 18.
b. 1928 Kansas; M-3.
BS 1950 KS St Univ; MA 1952, PhD 1956 Harvard Univ.
Fields: 101, 014, 073, 015.
Prev Emp: Prof, Univ of CA-Berkeley 1956-70; Asst Prof, KS St Univ 1954-56.
Pub: Concentration and Price-Cost Margins in Manufacturing Industries, Univ of CA press 1970; Studies in a Simulated Market, Univ of CA 1966; World Trade in Fresh Oranges, An Analysis of the Effect of European Community Tariff Policies, Univ of CA 1967.
Lang: Sp 1-1-1, Ita 2-2-2.
Mbr: AEA, IAEA.
Hon: Who's Who in the East; Award for Outstanding Published Research, AAEA, Awards for Outstanding Pub. Res., WAEA, Fulbright Award.

COLLINS, Warren E., 225 Touhy, Park Ridge IL 60068; PH 312-696-2020.
Assoc Dir, Commodity Activities Res, Am Farm Bur Fed (52) 07, 09, 18.
b. 1921 Kentucky; M-3.
BS 1947 W. KY Univ; MS 1948, PhD 1951 Univ of IL.
Fields: 016, 017, 018, 112.
Prev Emp: USDA 1951-53.
Lang: Ger 3-0-0, Fr 3-0-0.

COLMAN, David R., Agr Econ Dept, Manchester Univ, Manchester, England M13 9PL.
Sr Lecturer, Manchester Univ (03) 08, 07, 23.
b. 1940 England; Citz: UK; M-1.
BS 1963 London Univ; PhD 1969 Manchester Univ; MS 1965 Univ of IL.
Fields: 016, 073, 017, 074.
Prev Emp: Lect., Manchester Univ 1965-74; Cons. ODA & Malawi Govt 1972-73.
Pub: The United Kingdom Cereal Market Manchester Univ Press 1972; Regional Variations in U.K. Cereal Prices, HGCA, London 1972; Labor Economy of a Peasant Agricultural Community, ODA, London 1976.
Lang: Fr 2-3-2.
Mbr: AES.

COLTRANE, Robert I., ERS-EDD-USDA, Washington DC 20250; PH 202-447-8621.
Ldr, Manpower Stds., USDA (16) 06, 07.
b. 1932 North Carolina; M-3.
BS 1959, MS 1962, PhD 1968 NC St Univ.
Fields: 121, 123, 122.

COLYER, Dale K., Div of Res Mgmt, WV Univ, Morgantown WV 26506; PH 304-293-3231.
Professor, WV Univ (03) 07, 08.
b. 1931 Illinois; M-2.
BS 1954, MS 1955 Univ of IL; PhD 1963 Univ of WI.
Fields: 010, 020, 013, 017.
Prev Emp: Assoc Prof, Univ of MO, 1963-70; Res Asst, Fed Res Bk of KS 1958-60.
Pub: Natural Resources & Community Development, JNEAEC 1975; Legal Remedies for Pollution Abatement, Science 1972; Assessment Policies & Practices, NE Reg Center for Rural Development 1975.
Lang: Sp 1-2-1.
Mbr: AAAS, NEAEC, IAEA.
Hon: Am Men & Women of Science. AAEA Published Research Award.

CONDRA, Gary D., Box 1298, Texas Agr Ext Serv, Ft Stockton TX 79735; PH 915-336-2632.
Ext Econ, TX Agr Ext Service (03) 09, 07, 20.
b. 1944 Texas; M-2.
BS 1969, MS 1973 TX Tech Univ.
Fields: 012, 021, 091.
Prev Emp: Res Assoc, TX Water Res Inst, TX 1974-75; Cons., Self-Employed, San Angelo TX 1973-74; Off Mgr. Caprock Cattle Feeders, Gruver TX 1969-70.
Pub: Model for Estimating Water Demand, TX Water Res Institute 1975.
Mbr: SAEA, WAEA, ASFM&RA.

CONE, Bruce W., PO Box 999, Richland WA 99352; PH 509-946-2465.
Sr Agr Econ, Battelle-NW Lab of Battelle Mem Inst (70) 07, 18, 05.
b. 1935 Illinois; U.
BS 1957 Univ of IL, MS 1966, PhD 1969 Purdue Univ.
Fields: 020, 011, 035, 080.
Prev Emp: Maj, U.S. Air Force 1957-63; Res Asst Purdue Univ 1964-69.
Pub: The Impact of Federal Crop Support Policies, EPA U.S. Government, 1976; Production, Export & Investment Brazillian Beef, Battelle, Richland WA 1974; A Techno-Economic Analysis Potential Market for Hydroponic Produce in the Pacific Northwest, Battelle, Richland WA 1974.
Lang: Per 0-0-3, Por 0-0-3.
Mbr: AEA, IAEA, WAEA.

CONKLIN, Frank S., Dept of Agr & Res Econ, OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Assoc Prof, OR St Univ (03) 07, 08.
b. 1932 Oregon; M-3.
BS 1954, MS 1957, OR St Univ; PhD 1968 IA St Univ.
Fields: 011, 062, 073, 026.
Prev Emp: Vis. Prof. Univ of Nuevo Leon 1966-68; Instr IA St Univ 1962-66; Farm Mgmt Spec, OR St Univ 1959-62.
Pub: Social Subsidies, Environmental Pollution and Utilization of Agricultural Wastes; An Oregon Example, SJAE, 1973; Economic Characteristics of Farms Producing Grass Seed in Oregon's Williamette Valley, OR St Univ Agr Exp Sta 1973; Economic Research Related to Field Burning and the Williamette Valley Grass Seed Industry, OR St Univ Research on Fields Burning Agr Exp Sta #647 1974.
Mbr: WAEA.
Hon: Outstanding Teacher Award, School of Agr 1975.

CONKLIN, Howard E., 356 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-2252.
Professor, Cornell Univ (03) 08, 07, 09.
b. 1917 New York; M-3.
BS 1937 Cornell Univ; MS 1939 Univ of CA; PhD 1948 Cornell Univ.
Fields: 017, 035, 032, 022.
Prev Emp: Assoc Econ, BAE-USDA 1939-41.
Pub: Agricultural Districts, AJAE 1974; Maintaining Viable Agriculture, NY Office Planning Services 1972; Economic Vability of Farm Areas, Cornell Univ 1973.
Lang: Sp 3-0-0.
Mbr: AAAS, SAF, IAAE.

CONNEMAN, George J., Jr., 110 Warren Hall Dept of Agr Econ, Cornell Univ, Ithaca NY 14853.

CONNER, James R., Dept of Agr Econ, MS St Univ, Mississippi State MS 39762; PH 601-325-2750.
Assoc Prof, MS St Univ (03) 07, 08.
b. 1942 Texas; M-1.
BS 1965, MS 1967, PhD 1970 TX A&M Univ.
Fields: 035, 084, 014, 021.
Prev Emp: Dir, Plng & Anal Tallahassee FL 1973-75; Asst Prof, Univ of FL, 1969-73.
Pub: Economics and Decision Making for Environmental Quality, Univ Press of FL 1974; Water Allocation Models Based on an Analysis for the Kissimmee River Basin, Risk Program, Water Resources Res Center, Univ of FL 1973.
Lang: Fr 3-0-0.
Mbr: SAEA.
Hon: Am Men & Women of Science.

CONNER, Maynard C., Dept of Agr Econ, VPI & St Univ, Blacksburg VA 24061; PH 703-951-5265.
Professor, VPI & St Univ (03) 07, 08.
b. 1912 Virginia; M-1.
Certificate 1934 Mars Hill College; BS 1936 Univ of VA, MS 1938 VPI & St Univ; PhD 1957 Cornell Univ.
Fields: 014, 019.
Prev Emp: Lt Col, USMCR, 1941-45; Asst Agr Econ, BAE-USDA 1939-40.
Pub: Interindustry Relationships, WPPD, Blacksburg VA 1975; Economic Relationships of Business Sectors, E.S. VA Blacksburg VA 1974; Cost of Milk Distribution Outside Markets, Blacksburg VA 1971.

CONNOLLY, Chan, 1506 Harvey Drive, McAllin TX 78501.

CONNOR, John M., Dept of Agr Econ, Univ of WI, Madison WI 53706; PH 608-262-3653.
Agr Econ., ERS-USDA (16) 07, 08.
b. 1943 Massachusetts; M-0.
AB 1965 Boston College; MS 1974, PhD 1976 Univ of WI.
Fields: 101, 113, 073.
Prev Emp: Res Asst, Univ of FL 1969-72; Res Asst, Univ of WI 1972-75; Peace Corps 1966-68.
Pub: Market Structure Determinants of Performance of U.S. MNC Affiliates in Brazil and Mexico, Univ of WI 1976.
Lang: Ger 2-3-3, Fr 2-3-3.
Mbr: AEA.
Hon: ODE.

CONNOR, Larry J., Dept of Agr Econ, MI St Univ, E. Lansing MI 48824; PH 517-355-1781.
Professor, MI St Univ (03) 07, 08.
b. 1934 Nebraska; M-2.
BS 1956 Univ of NE; MS 1960, PhD 1964 OK St Univ.
Fields: 011, 012, 026, 093
Prev Emp: Agr Econ, ERS-USDA, OK 1964-66; Res Asst, OK St Univ 1961064; Agr Econ, ERS-USDA, OK 1956-61.
Prev Emp: Agr Econ, ERS-USDA, OK 1964-66; Res Asst, OK St Univ 1961-64; Agr Econ, ERS-USDA, OK 1956-61.
Pub: Economic Impacts of Selected Water Pollution Control Rules on Michigan Beef Feedlots of Less Than 1,000 Head Capacity, MI St Univ 1975.
Lang: Sp 2-3-3.
Hon: Am Men & Women of Science, Alpha Zeta, Pi Gamma Mu.

CONOPASK, Jeff V., Rm 494, 500 12th Street, Washington DC 20250; PH 202-447-8732.
Reg Econ, ERS-EDD-USDA (16) 07.
b. 1946 Connecticut; M-1.
BS 1969 Purdue Univ; MA 1971 Univ of Toledo; PhD 1976 VPI & St Univ.
Fields: 035, 026, 038, 022.
Prev Emp: Agr Econ, U.S. Env Pro Agency, Washington DC 1974-75.
Pub: An Ecologic-Economic Perspective for Coastal Zone Mgmt: Dissertation 1976; Using Cost/Benefit Analysis in Social Impact Assessment, Hazards & Promise, The Methodology of Social Impact Assessment 1976; Energy, Environment and Incremental Decision-Making, Proceedings UMR-MEC Conf on Energy 1975.
Mbr: AEA
Hon: Gamma Sigma Delta

CONRAD, Jon M., Dept of Food & Res Econ, Univ of MA, Amherst MA 01002; PH 413-545-2494.
Asst Prof, Univ of MA (03) 08, 07.
b. 1945 Wisconsin; M-2.
BS 1968 Univ of WI; MA 1970 Univ of WA; PhD 1973 Univ of WI.
Fields: 026, 062, 082, 064.
Prev Emp: Res Asst, Univ of WI 1970-73; Res Asst, Univ of WA 1969-70; Teaching Asst, Univ of WA 1968-69.
Pub: Rural Community Development: A Community State Approach, NJAEC 1976; Economic Issues in Programs of Transferable Development Rights, Land Economics 1975.
Mbr: AEA, NEAEC.

CONSIDINE, Timothy J., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47906.
Res Asst, Purdue Univ (03) 23, 07.
b. 1953 Illinois; U.
BA 1975 Loyala Univ.
Fields: 014, 016, 112, 026.
Prev Emp: Res Asst, Chicago Bd of Trade, Chicago 1975.
Lang: Fr 2-2-3.
Hon: Omicron Delta Epsilon.

COOK, Harry N., 1130 17th Street, Wash. DC 20036. PH 202-638-0090.
Exec VP, Natl Waterways Conference, (53) 17, 04, 19.
b. 1928 Alabama; M-1.
AB 1950 Alabama.

COOK, Hugh L., Dept of Agr Econ, Univ of WI, Madison WI 53706; PH 608-262-3653.
Professor, Univ of WI (03) 07, 09, 22.
b. 1911 Alabama; M-6.
AB 1935 Piedmont College; BS 1940, MS 1942 Auburn Univ; PhD 1950 Univ of WI.
Fields: 014, 073, 101.
Prev Emp: Head, Dept of Ag Econ, Univ of Ife, Nigeria 1972-74; Econ, BAE-USDA, Washington DC 1943-49.
Pub: Irish Dairy Industry Organization, Dept of Agr & Fisheries, Dublin 1968; Organization and Competition in Midwest Dairy Industries, IA St Univ Press 1970; Organization of Trade in One Tropical Land Tenure Center, Univ of WI 1972.
Lang: Sp 1-2-0, Fr 2-3-0.
Mbr: IAAE, BAES.
Hon: Who's Who in Mid-West, Am Men & Women of Science, Leaders of Am Science, Summa Cum Laude, Delta Sigma PI, Dist. Service Award AMPI.

COOK, Michael L., Box 3169, Dept of Agr Econ, New Mexico St Univ, Las Cruces NM 88003; PH 505-646-2504.
Asst Prof, NM St Univ (03) 07, 08.
b. 1943 Wisconsin; M-1.
BA 1965, MS 1973, PhD 1976 Univ of WI.
Fields: 014, 015, 101.
Prev Emp: Res Asst, Univ of WI 1971-75; Teacher Asst, Univ of WI 1971-75; Mktg Spec. Tenneco Inc, Evanston IL 1968-70.
Pub: Economic and Legal Analysis of Farmer Coop Equity Capital Redemption Policies Univ of WI 1976; Loyalty and the Consumer Cooperative, Univ of WI 1974; A Study of the Feasibility of Farming a Commodity Capital in the Banana Industry, 1974.
Lang: Sp 1-1-1.
Mbr: WAEA, AEE, SAEA.
Hon: Ford Fellow, AIESEC Traineeship, UN Leadership Scholarship.

COOK, Neil R., 304 U.S. Postoffice and Courts Bldgs, Little Rock AR 72201; PH 501-378-5447.
Sup., Agr Econ, ERS (16) 06, 15, 07.
b. 1932 Colorado; M-4.
BS 1960 CO St Univ; MS 1961 Univ of NE; PhD 1964 OK St Univ.
Fields: 026, 033, 021, 031.
Pub: Efficiency of Water Resource Development in Achieving Regional Economic Development. The Role of Water Resources in the Economic Development of the Great Plains, Pub No. 54, 1971; ERS Studies of Recreational and Environmental Aspects of PL-566 Projects, Proceedings, National Annual Meetings, Denver CO 1975; Association of Conservation Districts, Federal Role in Small Area Planning, SJAE 1970.
Lang: Sp 2-0-0, Fr 3-0-0.
Mbr: SAE.
Hon: USDA Superior Service Award 1972.

COOK, Ross S. USDA, Washington DC 20250; PH 202-447-2757.
Chief, Personnel Operations for Agr Service, USDA (18) 03.
b. 1941 Canada; M-0.
BA 1963 Univ of Redlands, San Diego St.
Fields: 112.
Lang: Fr 3-3-3.

COOLIDGE, Frank A., Box U-21, Univ of CT, Storrs CT 06268; PH 203-486-2140.
Grad Res Asst, Univ of CT (03) 07, 23.
b. 1948 Connecticut; M-0.
BA 1974 Acadia Univ.
Fields: 014, 019, 081.

COOPER, Rollin B., Rec Res Center, 1815 Univ Avenue, Madison WI 53706; PH 608-263-2621.
Assoc Prof., Univ of WI (03) 09, 07, 08.
b. 1930 Wisconsin; M-4.
BS 1952, MBA 1956, MA 1966, PhD 1968 Univ of WI.
Fields: 025, 031.
Prev Emp: Assoc Prof, Univ of WI, Whitewater 1964-70; Asst Prof, Milton Coll, Milton WI 1962-63.
Mbr: TRA, AWP, WECDA.

COPPEDGE, Robert O., Dept of Food & Res Econ, Univ of FL, Gainesville FL 32611; PH 904-392-1017.
Asst Prof, Univ of FL (03) 09, 07, 01.
b. 1942 Texas; M-3.
BBA 1965, MS 1967 NM St Univ; PhD 1974 OR St Univ.
Fields. 030, 035, 025, 040.
Prev Emp: Ext Econ, OR St Univ, 1968-73; Agr Econ, USDA, Utah 1967-68; Res Asst NM St Univ 1965-67.

Pub: Poverty Dimension of Rural Development, IA St Univ 1976; Relationship Between Education and Income, OR St Univ 1975; Community Development Change and Extension Programs, Univ of FL 1975.
Mbr: AEA, WAEA, CDS.

CORDES, Sam M., 8 Weaver Bldg, PA St Univ, University Park PA 16802; PH 814-865-9541.
Asst Prof, PA St Univ (03) 07, 09, 08.
b. 1943 South Dakota; M-3.
BS 1967 SD St Univ; PhD 1973 WA St Univ.
Fields: 042, 043.
Prev Emp: Exec Dir, Task Force on Rur. Affairs, WA 1970-71-Res Asst, WA St Univ 1967-69 & 1972.
Pub: Distribution of Health Manpower, IA St Univ 1976; Health Care Needs and Resources in Pennsylvania, PA St Univ 1974; Physicians and Physician Services in Rural Washington, WA St Univ 1974.
Mbr: AEA, NEAEC, RA, Inc.

CORLEY, Edward M., Dept of Econ, Eastern IL Univ, Charleston IL 61920; PH 217-581-2378.
Assoc Prof, Eastern IL Univ; (03) 08.
b. 1935 Illinois; M-3.
BS 1957 CO St Univ; MS 1958 Univ of IL; PhD 1964 OK St Univ.
Fields: 062, 082.
Prev Emp: Asst Prof, Clemson Univ, 1964-67.
Pub: Effects of Wheat Production Variations on Country Elevator Handling Costs in Northwestern Oklahoma, OK St Univ 1965; Consumer Problems for Modified Whole Beverage Milks in South Carolina, Clemson Univ 1965.
Mbr: MEA.
Hon: Chicago Bd of Trade Doctoral Fellowship; Am Men & Women of Science.

CORMACK, John M., Box 9800, Winnipeg, Manitoba, Canada R3C 3K7; PH 204-947-1171.
Asst Gen Mgr, Manitoba Pool Elevators, (52) 05, 10, 18.
b. 1934 Canada; Citz: Canada; M-4.
BSA 1957 Univ of Manitoba; MS 1961 Univ of NE; PhD 1965 IA St Univ.
Fields: 020, 010, 060, 080.
Prev Emp: Dep. Mins, Man. Dept of Agr 1968-73; Sr Econ, Man. Econ Cons Bd 1965-67; Asst Prof, Univ of NE,1964.
Lang: Fr 2-3-0.
Mbr: CAES.

CORNELIUS, James C., Dept of Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-1690.
Res Asst, WA St Univ (03) 23, 07, 08.
b. 1948 California; M-0.
BS 1970 Univ of CA; MS 1972 Univ of WY; PhD WA St Univ.
Fields: 014, 016, 015, 025.
Prev Emp: Sales Coord., H.M. Tenneco, CA, 1972-73; Res Asst, Univ of WY 1970-72.
Mbr: WAEA.
Hon: Phi Kappa Phi; Kappa Sigma Delta.

CORSSMIT, Kees W., 200 Market Street, 12th Floor, Portland OR 97201; PH 503-224-9190.
Dept Mgr, CH2M Hill (51) 27, 10, 17.
b. 1943 Netherlands; Citz: Netherlands; M-0.
Dip. 1965 Deventer (Netherlands); BS 1967 McGill Univ; MS 1969 Univ of MA; PhD 1973 WA St Univ.
Fields: 021, 090, 110.
Prev Emp: Res Assoc, WA St Univ 1973
Pub: Social Overhead Capital, AAEA Contributed Papers 1975; Flood Damages, AAEA Contributed Papers 1974; Oil Import Quota System, Intermountain Econ Review 1971.
Lang: Netherlands; Other:Ger 1-1-2,Fr 2-2-2
Mbr: NABE, AEA, Portland City Club.

CORTY, Floyd L., Dept of Agr Econ & Agribusiness, LA St Univ, Baton Rouge LA 70803; PH 504-388-3283.
Professor, LA St Univ (03) 07, 08.
b. 1916 Pennsylvania; M-2.
BS 1940, MS 1949 PA St Univ; PhD 1955 Cornell Univ.
Fields: 022, 021, 014.
Prev Emp: Res Coord, Milk Mktg, MS St Univ 1955-58; Instr, PS St Univ, 1949-53; Vo-Agr Sup., Stoney Creek TWPHS, PA 1947-48.
Pub: Land Tenure in the U.S., LSU Press 1962; Rural-Urban Consolidation, LSU Press 1964; Econ-Applications to Agriculture and Agribusiness, Interstate 1971.
Lang: Fr 1-3-2, Sp 2-3-2, Ita 2-3-2
Mbr: SAEA, SID, LSFM&RA, Dir 1975-77.
Hon: Dir of Am Scholars, Intl Who's Who, Am Men & Women of Science.

COSENTINO, Vincenzo, Dipartimento di Econ Politica, 87030 Castiglione Scalo, Cosenza, Italy; PH 0984-839-575
Professor, Univ Dela Calabria (03) 07, 08, 02.
b. 1942; Citz: Italy; M-2.
Grad 1965, Post Grad Spec 1967 Univ of Naples; MS 1973 Univ of CA-Davis.
Fields: 011, 017.
Prev Emp: Asst Res Worker & Instr, Ctr for Adv Training & Res, Naples, 1968-74.
Pub: Crisi e Prospettive Della Cooperazione, Rivista di Politica Agraria 1968; Assistenza Tecnica e Sviluppo, Rivista di Econ Agraria 1970; Il Metodo di Farrel, Rivista di Economia Agraria 1974

Lang: Italian; Other: Eng 1-2-2, Fr 2-3-3.
Mbr: SIEAR 1969, IAAE 1970.

COSGROVE, Michael H., 4040 San Felipe #3-A, Houston TX 77027.

COSPER, Harold R., US Fed Bldg & Courthouse, 100 Centennial Mall N, Lincoln NE 68508; PH 402-471-5371.
Agr Econ, ERS-USDA (16) 07.
b. 1921; M-2.
BS 1949 CO St Univ; MS 1954, PhD 1970 Univ of NE.
Fields: 026, 011.
Prev Emp: Soil Scientist, USDA-ARS, Western U.S., 1949-64.
Lang: Sp 3-0-0.
Mbr: ASA, SSSA, SWCS.
Hon: Gamma Sigma Delta.

COTHERN, James, Dept of Agr Econ, Univ of CA, Davis CA 95616.

COTNER, Melvin L., ERS-USDA, 500 12th Street SW, Washington DC 20250; PH 202-447-8239.
Dir. Natural Res Econ Div (16) 06,18,07.
b. 1928; M-4.
BS 1949, MS 1955 KS St Univ; PhD 1967 MI St Univ.
Fields: 020, 021, 022, 026.
Prev Emp: Ldr., NCRG, ERS, E. Lansing MI 1963-63; Agr Econ FERD, AZ 1956-60; Agr Econ Prod Econ Res Br, KS 1954-55.
Pub: Potential Role of Agriculture Land Drainage in Economic Growth, MI St Univ 1967; Policy for Public Investment in Natural Resources, AJAE, Feb 1969; Perspectives on Prime Agricultural Land, USDA 1975.
Mbr: WAEA, SAEA, SCSA.
Hon: Who's Who in Government, Who's Who in Env, Alpha Zeta, Gamma Sigma Delta, Phi Delta Kappa.

COTTAM, Howard R., Ward Circle W., School of Intl Serv, Washington DC 20016; PH 202-686-2472.
Visiting Prof, The Am Univ (03) 08, 18.
b. 1910; M-1.
BS 1932 Brigham Young Univ; PhD, Univ of WI.
Fields: 054, 118, 073, 155.
Prev Emp: Dir of N Am Rep FAO-UN, Wash. DC 1969-74; Ambassador, Min, Counselor, US Dept of St, 1946-69; Dir, USAID, Mission to Brazil, Rio de Janeiro 1956-60.
Pub: Rural Standards of Living (Var. Pubs) 1940's; World Food Conference, Am Diet Assoc 1975.
Lang: Por 1-3-1, Fr 1-3-2
Mbr: AAAS, WPS, Advisory Board.
Hon: Who's Who in America, Who's Who in World, Dict of Intl Biog.

COTTINGHAM, John E., 318 Ullrich Hall, Univ of WI, Platteville WI 53818; PH 608-342-1391.
Professor, Univ of WI-Platteville (03) 08, 09, 02.
b. 1938; M-3.
BS 1961 Univ of WI-Platteville; MS 1963, PhD 1965 Univ of WI-Madison.
Fields: 014, 017.
Prev Emp: Res Asst, Univ of WI-Madison, 1961-64; Food Retailer, Fennimore, WI 1956-61; Dairy Processor, Fennimore WI 1956-61.
Pub: Analysis of the Dairy Beef Industry in Wisconsin, Univ of WI 1965; Cooperative Taxation, Univ of WI 1974.
Lang: Fr 3,0-0, Sp 3-0-0.
Mbr: WI Agr Bus Council, Past Dir; Assoc of Coop Educ.
Hon: Phi Kappa Phi, Who's Who in Am, Am Men & Women of Science, Outstanding Young Men of Am, Alpha Zeta.

COULTER, Janet M., Box 3354, University Station, Univ of WY, Laramie WY 82071; PH 307-766-3226.
Res Asst, Univ of WY (03) 23.
b. 1953; U.
BS 1974, OSU, MS 1976 Univ of WY.
Fields: 014.
Lang: Fr 2-1-2.
Mbr: WAEA.

COURTNEY, Richard H., Economics-Policy Res, Bank of Am Center, PO 37000, San Francisco CA 94137; PH 415-622-8763.
Dir of Commodities Res, Bank of America (51) 15, 07, 05.
b. 1938 Ohio; M-2.
BS 1963, MS 1964 OH St Univ; PhD 1968 Univ of CA-Berkeley.
Fields: 018, 016, 013, 017.
Prev Emp: Assoc Prof, Univ of FL, 1974-75; Asst Agr Econ, Univ of CA-Berkeley 1968-74.
Mbr: WAEA.

COUTU, Arthur J., Dept of Econ & Bus, NC St Univ, Raleigh NC 27607; PH 919-737-2472.
Professor, NC St Univ (03) 07, 08.
b. 1924; M-2.
BS 1948, MS 1950 Univ of CT; PhD 1955 NC St Univ.
Fields: 070, 012, 072, 075.
Prev Emp: Dir of Agr Econ Prog, USAID, Washington DC 1970-73.
Pub: Agricultural Development of Peru, New York 1969; Review and Analysis of Research at Univ of NC 1975; Population Decentralization and Rural Development Planning, VA 1975.
Lang: Sp 2-0-2.
Mbr: SAEA, AEA.
Hon: Phi Kappa Phi, Who's Who in America.

COUVILLION, Warren C., Box 5187, MS St Univ, Mississippi State MS 39762; PH 601-325-2750.
Asst Econ, Asst Prof, MS St Univ; (03) 07, 08.
b. 1940; M-2.
BS 1962, MS 1967 LA St Univ; PhD 1971 Univ of TN.
Fields: 014, 016, 015.
Prev Emp: Grad Asst, Univ of TN, Knoxville TN 1968-71; Grad Asst, LSU, Baton Rouge 1966; Teacher, Aroyelles Parish School Board, Marksville LA 1963-65.
Pub: Pricing Efficiency Physical Characteristics and Wholesale Values of Slaughter Hogs, Dissertation, Univ of TN 1971; Organization and Operation of Livestock Auctions in Mississippi, MS St Univ 1976.
Lang: Fr 3-0-2.
Mbr: SAEA, MS Ag Econ Assoc.

COVEY, Charles D., 1167 McCarty Hall, Univ of Florida, Gainesville FL 32611; PH 904-392-1877.
Professor, Univ of Florida (03) 09, 02.
b. 1922; M-2.
BS 1957, MS 1959 Univ of FL; PhD 1963 LA St Univ.
Fields: 014, 017.
Prev Emp: Instr, LA St Univ, Baton Rouge 1962-63; CPO, U.S. Navy 1941-52.
Pub: Producer Equity in Flue-Cured Tobacco Programs, MS Thesis Univ of FL 1959; Cotton Gin Efficiency in Louisiana, PhD Dissertation, LA St Univ 1963; Zoning and Land Use Control Authority in Florida, FL Agr Exp Sta, 1967.
Mbr: SAEA, VP 1972-73.
Hon: Am Men & Women of Science.

COWDEN, Thomas K., USDA, Office of the Sec, Washington DC 20250; PH 202-447-2406.
Counselor to the Secretary, USDA (23) 01, 19, 08.
b. 1908; M-2.
BS 1930, MS 1931 OH St Univ; PhD 1937 Cornell Univ.
Prev Emp: Asst Sec Rural Devl & Cons, USDA, Washington DC 1969-73; Dean, Coll of Agr 1954-69, Head, Dept of Agr Econ, MI St Univ, 1949-54.
Hon: Who's Who in America, Am Men & Women of Science.

COX, Clifton B., Greyhound Tower, 1915, Armour & Company, Phoenix AZ 85077; PH 602-248-5800.
Chairman, Armour & Company (78) 05.
b. 1916; M-3.
BS 1941, MS 1948, Auburn Univ; PhD 1950 Purdue Univ.
Fields: 090.
Prev Emp: Pres. Armour Food Co, AZ, 1971-75; VP Armour & Co, Chicago 1960-71; Prof., Purdue Univ 1950-60.
Pub: The Competitive Potential of U.S. Cotton Industry, Purdue Univ 1959; Long-Range Planning for Agricultural Marketing Firms, Purdue Univ 1960; Using Computers in Pricing, Natl Ind Conf Board 1962.
Mbr: Chicago Mercantile Exchange.
Hon: Alpha Zeta, Sigma Xi, Who's Who in Am, Am Men & Women of Science.

CRADDOCK, William J., 1108-330 Portage Avenue, Winnipeg, Manitoba, Canada R3C0C4; PH 204-943-8136.
Professor, Univ of Manitoba (03) 07, 09, 08.
b. 1938; Citz: Canada; M-3.
Dipl 1958, BS 1962 Univ of Sask; MS 1963 Univ of Toronto; PhD 1966, IA St Univ.
Fields: 017, 018, 016, 011.
Prev Emp: VP, United Grain Growers, WPC Current; Res Assoc IA St Univ, 1966.
Pub: Interregional Competition in Canadian Agriculture, Econ Coun of Canada 1970.
Mbr: CAES, Pres 1974-75; MIA, Pres 1975-76; PWGA, Dir 1974-76.
Dir: Who's Who in the Midwest, Univ of Manitoba Outstanding Scholar in Soc. Sci. 1974.

CRAFT, Rolf V., Luther College, Decorah IA 52101; PH 319-387-1133.
Assoc Prof, Luther College (03) 08, 21.
b. 1937; M-2.
BS 1959, MS 1966, PhD 1968 IA St Univ.
Fields: 040, 012, 063, 073.
Prev Emp: VP, Crafts Ind., Hudson IA 1960

CRAMER, Charles L., 200 Mumford Hall, Dept of Agr Econ, Univ of Missouri, Columbia MO 65201; PH 314-882-3545.
Univ of Missouri (03) 01.

CRAMER, Gail L., Dept of Agr Econ & Econ, MT St Univ, Bozeman MT 59715; PH 406-994-3701.
Asoc Prof, MT St Univ (03) 07, 08.
b. 1941; M-2.
BS 1963 WA St Univ; MS 1964 MI St Univ; PhD 1968 OR St Univ.
Fields: 014, 016, 062, 111.
Prev Emp: Visiting Assoc Prof, Harvard Univ, 1974-75.
Pub: People-Hunger Dilemma, Harvard Bus. Review 1976; Economic Analysis of Wheat Exports, MT Exp Sta 1975; Quality of Education, MT Exp Sta 1976.
Lang: Ger 3-0-0, Fr 3-0-0.
Mbr: WAEA.
Hon: Alpha Zeta, Phi Kappa Phi, Am Men & Women of Sci, AIC Award 1968; AAEA Travel Grant Award 1970.

CRAWFORD, Terry L., 500 12th Street SW, Washington DC 20250; PH 202-447-8455.
Agr Econ, ERS-USDA (16) 07, 15, 06.
b. 1944; M-0.
BS 1966 NM St Univ; MS 1968, PhD 1970 Cornell Univ.
Fields: 015, 084, 093, 101.
Prev Emp: Agr Econ, ERS-USDA, Wash. DC 1970-75.
Pub: The Bill for Marketing U.S. Farm Foods, ERS Rep #20 USDA 1975; Trends in Food Distribution, Jour of Food. Distribution Research in 1971; Comparisons of Cost Structures of Food Stores and Eating and Drinking Places, ERS #455, USDA 1970.
Mbr: WEA, AEA.
Hon: Am Men & Women of Science, Superior Service Award, USDA.

CRECINK, John C., PO Box 862, MS St Univ, Mississippi State MS 39762; PH 601-325-2750.
Agr Econ, USDA (16) 07, 08.
b. 1921; M-4.
BS 1943 MS St Univ; MA 1948 Univ of VA; PhD 1956 IA St Univ.
Fields: 031, 121, 012, 026.
Prev Emp: USDA, Washington DC 1956-57; Berkeley & Davis CA 1955-56, Ft Collins CO 1950-55.
Mbr: SAES, WFEA.
Hon: Who's Who in America, Am Men & Women of Sci, Gamma Sigma Delta.

CREEL, Bobby J., PO Box 3169, NM St Univ, Las Cruces NM 88003; PH 505-646-1819.
Res Spec III, NM St Univ (03) 07.
b. 1943; M-3.
BS 1968, MS 1971 NM St Univ.
Fields: 021, 026, 083.
Prev Emp: Asst to Dir, NM Water Res Inst, 1972-73; Res Assoc, Agr Econ, NM St Univ 1971.
Pub: An Analytical Interdisiplinary Evaluation of Util. Water Res Rio Grande NM, NM St Univ 1973; Water Res Problem and Res Needs of New Mexico, NM St Univ 1974; A Socio-Econ Evaluation of Alternative Water Management Policy on Rio Grande in New Mexico, Univ of NM School of Law 1975.
Mbr: WAEA.
Hon: Alpha Zeta.

CREWDSON, Gene, 4159 Coffman Lane, Minneapolis MN 55406.

CREWS, Mike, Dept of Econ, UT State Univ, Logan UT 84321.

CRICKMAN, C.W. 5206 Westwood Drive, Washington DC 20016.

CRISWELL, James E., Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506; PH 606-258-8841.
Asst Prof, Univ of KY (03) 08, 20, 02.
b. 1922; M-1.
BS 1947, MS 1948, Univ of KY; PhD 1966 Univ of MN.
Fields: 012, 011, 013.
Pub: Insurance Strategies of West Kentucky Farmers, Dissertation 1966; Insurance Strategies Available to Farmers, Jour of Am Soc Farm 1967; Getting Established in Farming, KY Exp Sta Bull 673, 1961.
Mbr: SAEA, KY Assoc of Farm Mgr & Rur Appraisers.

CRITHARAS, Costas P., Agr Bank of Greece, Athens,Greece 103. PH 536-784
Dir, Agr Bank of Greece (36) 17, 14, 21.
b. 1912; Citz: Greece; M-0.
Fields: 013, 076, 112, 096.
Prev Emp: Acct, Union of Farmers Coop, Gargaliani 1930-35.
Lang: Greek; Other: Eng 1-2-2, Fr 2-3-3.
Mbr: Hellenic-Am Union Control Comm.1974.

CROCKETT, Samuel L., 1005 SE Street, Culper VA 22701; PH 703-825-5232.
Self-Employed, 08, 07, 26.
b. 1914; M-3.
BS 1936, MS 1947 MS St Univ.
Fields: 75, 51.
Prev Emp: Agr Econ, USDA-FAS, Washington DC 1958-72; Dept of State 1952-57, Washington DC; USDA-BAE 1940-49.
Lang: Sp 2-0-2.
Mbr: SAEA.

CROM, Richard J., 500 12th Street SW, CED -ERS- USDA, Washington DC 20250; PH 202-447-8712.
Prog Leader, ERS-USDA (16) 06, 07.
b. 1930; M-3.
BS 1951, MS 1959 Univ of NE; PhD 1964 IA St Univ.
Fields: 081, 018, 014.
Prev Emp: Agr Econ, CO St Univ, 1949-61; Co Ext Agt, Univ of NE 1951-58.
Pub: A Dynamic Price-Output Model of the Beef and Pork Sectors, USDA Tech Bull 1426 1970; Effects of Alternative Beef Import Policies, USDA 1972; Development of a Systems Approach for Livestock Research in ERS, AJAE 1975.
Mbr: WAEA.
Hon: Gamma Sigma Delta, Certificate of Merit 1971-72.

CROMARTY, William A., 45 Cardinal Drive, Westfield NJ 07092. PH 201-233-0700.
Senior V.P., Connell Rice & Sugar Co (51) 05, 15.
b. 1926. Canada; M-6.
BS 1951 Univ of Toronto; MS 1953, PhD 1957 MI St Univ.
Fields: 016, 081, 017.

CROPP, Robert A., Dept of Agr Ind, Univ of Wisconsin, Platteville WI 53818; PH 608-342-1373.
Assoc Prof, Univ of WI, (03) 08, 09, 07.
b. 1941; M-4.
BS 1963 Univ of WI, Platteville; MS 1965, PhD 1967 Univ of WI-Madison.
Fields: 014, 073, 018, 016.
Pub: Dairy Advertising, How Effective Is It? Univ of WI 1974; Analysis of Market Adjustments Confronting Wisconsin Dairy Cooperatives, Univ of WI 1972; Milk Programs of Wisconsin Food Chains, Univ of WI 1972.
Lang: Sp 3-0-0, Fr 3-0-0.
Mbr: Assoc of Coop Educ, WI Agr-Bus Council, Dairy Shrine.
Hon: Am Men & Women of Science, Outstanding Teaching Award, Distinguished Citation Award.

CROSS, Albert J. Suite 104, Myers Bldg, Springfield IL 62701.

CROSSMON, Bradford D., 235 Draper Hall, Univ of Massachusetts, Amherst MA 01002; PH 413-545-2490.
Prof., Mktg Mgmt, Univ of MA (03) 08, 09, 04.
b. 1914; M-4.
BS 1937, MS 1943 Univ of CT; MPA 1949, DPA 1963 Harvard Univ.
Fields: 010, 090, 050, 073.
Prev Emp: Visiting Prof, Univ of PR, 1963-74; Regional Mgmt Chief, Farmers Home Adm, USDA, NE States 1945-47; Asst Prof, Univ of CT and Bur Agr Ec USDA, Storrs CT 1937-45.
Pub: Extending VI Insurance to Agr'l Workers in MA, Agr Exp Sta Bul, Univ of MA 1974; Production Adjustments on MA Farms (Tobacco e.g.) Exp Sta Bul, Univ of MA 1963; On Job Graduate Study in Agricultural Economics, AJAE 1961
Lang: Sp 2-1-2.
Mbr: NAEC, President 1961-62; IAAE, AEA.
Hon: Who's Who in the East, Intl Men of Achievement, Am Men & Women of Sci, Who's Who in the U.S., Distinguished Member NAEC Award 1973.

CROSSWHITE, William M., 500 12th Street SW, Washington DC 20250; PH 202-447-8764.
Asst Dir, ERS-USDA (16) 01.
b. 1930 Pennsylvania; M-3.
BS 1953 Berea College; MS 1957, PhD 1960 MI St Univ.
Fields: 026, 011, 021.
Prev Emp: Assoc Prof, NC St Univ, 1967-71; Assoc Prof, Univ of DE 1960-67.
Pub: Environmental Movement and Implications for Agriculture, WAEA 1972; Water and Waste Management in Poultry Processing, EPA-660/2-74-031, 1974; Application of Network Theory to Water Management in Poultry Processing, Am Water Res Assoc 1972.
Mbr: SCSA.
Hon: Am Men & Women of Science.

CROUCH, Robert M., PO Box 35, Alexandria KY 41001. PH 606-635-2116.
County Ext. Agent, Univ of KY (03) 09.
b. 1926; M-0.
BS 1949, MS 1956 Univ of KY.
Fields: 014, 051, 152.
Pub: Characteristics and Attitudes of Vegetable Producers in Northern Kentucky, Univ of KY 1956.
Mbr: NACAA, KACAA, 2nd VP 1953.
Hon: Distinguished Service Award NACAA,

CROUSE, Earl F., 1300 Hagan Street, Champaign IL 61820; PH 217-356-1339.
President, Bankvertising Co (51) 11, 05.
b. 1914; M-4.
BS 1938 Univ of IL.
Fields: 012, 018.
Prev Emp: V.P., Doanne Agr Service, St. Louis MO 1938-58.
Pub: Rural Appraisals, Prentice-Hall 1956
Mbr: AMA.
Hon: Who's Who in Mid-West.

CROWDER, Richard T., 608 2nd Avenue South, Minneapolis MN 55402; PH 612-330-5141.
VP Pillsbury Company (51) 05, 07, 15.
b. 1939; M-2.
BS 1960, MS 1962 VPI & St Univ; PhD 1967 OK St Univ.
Fields: 016, 081.
Prev Emp: Mgr Econ Anal, Wilson & Co Inc, Oklahoma City 1968-74; Staff Econ, Exxon, Houston, TX 1966-67; Instr, OK St Univ 1965-66.
Mbr: AEA.

CROWLEY, Virgil E., 202 Armsby, PA St Univ University Park PA 16802; PH 814-865-7656.
Professor, PA St Univ (03) 09, 07.
b. 1922; M-0.
BS 1943, MS 1955, PhD 1966 Univ of MO.
Fields: 012, 013, 018, 022.
Prev Emp: Instr, Univ of MO, Columbia, 1965; Assoc Co Agt, Univ of MO 1951-61; Veterans of Farm Teaching, Univ of MO 1946-51.
Pub: Agricultural Adjustments in Northern Missouri, Res Pub, Columbia MO 1967; Using Linear Programming as a Farm Management Tool in Pennsylvania, PA St Univ 1970.
Lang: Sp 3-0-0.
Mbr: Am Soc Farm Mgr & Rural Appr.
Hon: Gamma Sigma Delta.

CULVER, David W., 4428 Starr Jordan Drive, Annandale VA 22003.

CULVER, James A., 1301 Longworth House Office, Washington DC 20515.
Staff Consultant, Agr Comm, U.S. House Rep (26) 18, 19, 06.
b. 1946 Tennessee; M-2.
BS 1968 Univ of TN, Martin; MS 1972 Univ of TN, Knoxville.
Fields: 017, 011, 020.
Prev Emp: Grad Asst Univ of TN, Knoxville 1970-75; Aircraft Main Off, U.S. Navy 1968-70.
Pub: Cotton Production Costs and Returns in Tennessee, TN Farm & Home Science, 1971; Cost and Returns of Soybeans, TN Farm & Home Science, 1973.
Mbr: SAEA.
Hon: Outstanding Young Men in America.

CUMMINGS, Ralph W. Jr., Intl Agr Devl Service, 1133 Avenue of the Americas, New York NY 10036; PH 212-869-8500.
Agr Econ, Intl Agr Devl Serv (67) 18, 07, 19.
b. 1938; M-2.
AB 1960 Univ of NC; PhD 1965 Univ of MI.
Fields: 017, 016, 073, 077.
Prev Emp: Adv Devl Adv Serv, Jakarta 1970-72; Agr Econ, The Rockefeller Foundation, NY 1972; Asst Prof, Univ of IL, Urbana IL 1965-70.
Pub: Outlook and Prospects for Meeting World Food Needs, WAEA 1976; Food Production and the Energy Dilemma, The Rockefeller Foundation 1974; Pricing Efficiency in the Indian Wheat Market, Impex, India 1967.
Mbr: AEA.
Hon: Who's Who in Am; American Men & Women of Science.

CUMMINGS, Ronald G., Dept of Agr Econ, Univ of NM, Albuquerque NM 87131; PH 505-277-6424.
Professor, Univ of NM (03) 07, 08, 19.
b. 1935; M-5.
BS 1963, MA 1964 Univ of MO; PhD 1968 Univ of KS.
Fields: 020, 021, 027, 026.
Prev Emp: Prof & Chmn, Univ of RI, 1972-75; Res Econ, Resources for the Future, Washington DC 1969-72; Asst Prof, MT St Univ 1968-69.
Pub: Interbasin Water Transfers, Johns Hopkins Press 1974; Production and Investment in Natural Resource Industries, Am Econ Rev 1970; Econ. Model for Prod & Invest for Petrol. Reservoirs, Am Econ Rev 1974.
Lang: Sp 1-1-1.
Mbr: AEA.

CUMMINS, David E., 6447 Lignum Street Springfield VA 22150.

CUNNINGHAM, James P., Palais de Nations, CH 1211 Geneva, Switzerland.

CUNNINGHAM, Jim, 508 East 15th Street, Marysville CA 95901.

CUONG, N.T., 9K CO Xa Ngun Ogun, Tun Thuan, Vietnam.

CURRIE, J.W., MATH, 3000, Battelle Blvd Richland WA 99352; PH 509-946-2736.
Sr Res Econ, Battelle-Northwest Labs (54) 07, 15, 18.
b. 1942; M-0.
BS 1964 Univ of ME; MS 1971, PhD 1975 OR St Univ.
Fields: 020, 153, 105, 075.
Prev Emp: Res Asst, Dept of Agr Econ, OR St Univ 1970-74; Res Asst, Dept of Civil Eng, OR St Univ 1969; Eng. Smithsonian Observer, Kula Maui, HI 1964-67.
Pub: The Potential for Producing and Marketing Gasoline from Coal, Proceedings, NCA/BCR 1975; A Model for Simulating River and Reservoir Temperatures With Applications for Anadromous Fish Management, PhD Dissertation, OR St Univ 1975; Potential Conflicts Between the Natl Wild and Scenic Rivers System and the Oregon State Scenic Waterways System, Science 1971.
Lang: Fr 2-3-3.
Mbr: WAEA, Am Geophysical Union.
Hon: Gamma Theta Upsilon, H.G. Jones Fellow Univ of ME.

CURTIS, John M., Symons Hall, Univ of MD, College Park MD 20740; PH 301-454-3742.
Prof & Dir, MD Coop Ext, Univ of MD (03) 02.
b. 1923; M-3.
BS 1947, MS 1950 NC St Univ; PhD 1960 Univ of MD.
Fields: 014, 017, 091.
Prev Emp: In Charge, Ext Mktg, NC St Univ 1955-61; Ext Mktg Spec, NC St Univ 1951-55; Ext Spec VPI & St Univ 1950-51.
Mbr: SAEA, NAEC, IAAE.
Hon: Am Men & Women of Science, PKP, PBS, AKD, Personalities of the South.

CURTIS, Wayne C., Ctr for Bus & Econ Serv, TSU, Troy AL 36081; PH 205-566-3000.
Dir, Ctr Econ Serv, Troy St Univ (03) 02, 07, 08.
b. 1939; M-1.
BS 1961, MS 1963 Auburn Univ; PhD 1971 MS St Univ.

Fields: 080, 020, 090, 070.
Prev Emp: Assoc Prof, Troy St Univ, Troy AL 1972-74; Asst Prof, Auburn Univ 1971-72; Asst Prof, MS St Univ, 1969-71.
Pub: Shift-Share Analysis in Rural Development, AJAE 1972; E Malinvaud's Microeconomics, Miss Valley J of Bus & Econ 1973; Structure of Alabama Economy, AL Agr Exp Sta 1972.
Lang: Ger 2-3-0.
Mbr: WEA; AEA.
Hon: Outstanding Educators of America, Phi Kappa Phi, Gamma Sigma Delta, Omicron Delta Epsilon.

CUSACK, Thomas J., Dept of Agr Econ, OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Res Asst, OR St Univ, Corvallis (03) 23, 07, 08.
b. 1947; Citz: UK; U.
BS 1969 Wye College, Univ of London; MS 1971 Univ of Guelph, Dip Educ 1972, Univ of Birmingham.
Fields: 016, 112, 110, 020.
Prev Emp: Res Asst, Mins of Agr, Ireland, 1969; Leader of Wye College Nepal Proj, Trisuhi Watershed Devl Proj, Nepal 1969, Res Asst Makerere Inst of Soc Res, Uganda 1968.
Pub: Oregon's Agricultural Industry, OR St Univ Agr Exp Sta 1973; Capital Gains in Canadian Agriculture, Univ of Guelph 1972; Report of Wye College Nepal Project, 1969, Wye College, London 1970.
Lang: Fr 2-1-2.

CUSKADEN, Charles M., Dept of Agr Econ, Univ of TN, Knoxville TN 37901; PH 615-974-7231.
Assoc Prof, Univ of TN (03) 07, 08.
b. 1937; D-2.
BS 1961 Purdue Univ; MS 1963 Univ of KY; PhD 1971 MSU.
Fields: 012, 011, 151.
Prev Emp: Asst Prof, Univ of TN, 1968-74; Asst Prof, W. TX St Univ, Canyon TX 1967-68.
Pub: Resource Characteristics of Beef and Nonbeef Farms in Tennessee, TN Agr Exp Sta 1972; Price Expectations of Tennessee Farmers, TN Agr Exp Sta 1973; Labor Productivity in Apple Harvesting, AJAE 1973.
Mbr: SAEA, NACTA, TSFMRA.

CUSTANCE, Paul R., Little Common Farm, Cooks Lane, Sawtry, Huntingdon, England.

CUTHBERTSON, Andrew G., PO Box 80, Ind Asst Comm, Canberra ACT 2600 Australia; PH 062-730-415.
Econ, Industries Assistance Comm (26) 07, 06.
b. 1941; Citz: Australia; M-1.
BA 1967, Univ of NE; MS 1968, PhD 1971 NC St Univ.
Fields: 017, 011.
Prev Emp: Dir, Ind Asst Comm (IAC) Canberra 1975; Principal Off, Bureau of Agr Econ (BAE) Canberra 1971-75.
Mbr: AAES, Sec. St Branch.
Hon: Gamma Sigma Delta.

DABASI-SCHWENG, Lorand, Sous-La-Roche, 1181 Mont-Sur-Rolle, Vaud, Switzerland; PH 021-75-1836.
Cons., Food & Agr Org (63) 22, 07.
b. 1905 Hungary; Citz: USA; M-0
BS 1928, MS 1928 Palatine Joseph Univ; SS Certificate, London School of Econ; PhD 1940 Budapest Univ.
Fields: 017, 012, 073.
Prev Emp: Tech Off, FAO-Italy 1967-69; Res Assoc, Joint Ctr for Urban Stds of MIT & Harvard Univ, Boston - Cara-Cas, Venezuela, 1961-63.
Pub: Economic Aspects of Shifting Cultivation, FAO Rome 1974; The Problems of Transforming Traditional Agriculture, World Politics 1965; La Produccion Del Maix en Guatemala, Guatemala 1957.
Lang: Hungarian; Other: Eng 1-1-1, Ger 1-1-1, Fr 1-2-1, Sp 1,2-1.
Mbr: AEA, SID
Hon: Am Men & Women of Science.

DABERKOW, Stan G., Dept of Agr Econ, Univ of CA-Davis CA 95616; PH 916-752-0213.
Grad Student, Univ of CA-Davis (16) 23, 07.
b. 1945 Nebraska; M-0.
BS 1967 Univ of NE; MS 1969 IA St Univ; PhD 1976 Univ of CA-Davis.
Fields: 035, 081, 065, 032.
Pub: Demand and Location Aspects of Emergency Medical Facilities in Rural Northern California, PhD Dissertation 1976; Regional Variations in Economic Growth and Development with Emphasis on Rural Areas, USDA 1971; Economic Factors Influencing the Level of Economic Development in Multi-County Areas, SJAE 1972.
Hon: Alpha Zeta, Gamma Sigma Delta.

DAFT, Lynn M., House Office Bldg, Annex #2, Second & D Streets, SW, Washington DC 20515; PH 202-225-1454.
Prin. Anal, Congressional Budget Office (78) 18, 19, 15.
b. 1937 Ohio; M-2.
BS 1961 OH St Univ; MS 1962 Univ of MA; PhD 1971 MI St Univ.
Fields: 017, 112, 033, 035.
Prev Emp: Sr Econ, Office of Mgmt & Budget, Washington DC 1974-75; Asst Dep Adm, ERS-USDA 1971-74; Staff Econ, USDA 1967-71.

DAHL, Dale C., 217-G Class Office Bldg, Univ of MN, St Paul MN 55101; PH 612-376-3436.
Prof of Law, Univ of MN (03) 08, 07, 09.
b. 1932 South Dakota; M-5.
BS 1957, MS 1959 SD St Univ; PhD 1964 Univ of MN.
Fields: 014, 016, 100, Law.
Prev Emp: Res Asst, SD St Univ 1957-59.
Pub: Market and Price Analysis, McGraw-Hill 1976.
Lang: Fr. 2-3-0.
Mbr: AEA, WEA.
Hon: Who's Who in America.

DAHL, Reynold P., Dept of Agr Econ, Univ of MN, St Paul MN 55108; PH 612-376-3436.
Prof, Univ of MN (03) 08, 07, 09.
b. 1924 Minnesota; M-2.
BS 1949, MS 1950, PhD 1954 Univ of MN.
Fields: 014, 017, 019, 073.
Prev Emp: Chf of Party, Univ of MN, Tunisia 1967-70; Econ, Soybean Coun of Am, Belgium 1962-63.
Pub: Agricultural Development Strategies in a Small Economy: The Case of Tunisia, Options Mediterraneenes 1972; Demand for U.S. Soybeans in the European Common Market, JFE 1965.
Lang: Fr 1-3-2.
Hon: Alpha Zeta, Gamma Sigma Delta, Xi Sigma Pi, Am Men & Women of Science.

DAHL, Wilmer A., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-494-4941.
Asst Prof., (03) 08, 07.
b. 1944 Wisconsin; M-1.
BS 1966 Univ of WI, Whitewater; MS 1970, PhD 1975 Univ of WI, Madison.
Fields: 141, 090, 014, 013.
Prev Emp: Post-Doc, Univ of WI, Madison 1975; Sup of Acctg, Bucyrus-Erie Co, S. Milwaukee WI 1966-69.
Pub: Alternative Financing Strategies, AJAE 1976; Wisconsin Farm Supply Cooperatives, Univ of WI 1975; Economics of Butterine, Univ of WI 1971.
Mbr: AEA; AIC; PKP.

DAHLE, Robert D., Dept of Econ, PO Box 5576, NC St Univ, Raleigh NC 27607; PH 919-737-2472.
Ext Assoc Prof, NC St Univ (03) 09, 08, 07.
b. 1932 Washington DC; M-2.
BS 1954, MS 1956 PA St Univ; PhD 1965 NC St Univ.
Fields: 090, 014, 084, 046.
Prev Emp: Mgr., Xerox Corp, New York 1965-70; Instr, NC St Univ 1959-65.
Pub: Factors Affecting LRP in Small Business, Marquette Bus Rev 1976; Thinking About Coop Investment, NC St Univ 1973; Inventory Control, MI St Univ 1975.
Lang: Ger 3-0-0.
Mbr: TIMS, AEA, WEA, SAEA.

DAILEY, Richard T., Center for Bus Devl & Res, Moscow ID 83843; PH 208-885-6611.
Dir & Assoc Prof, Univ of ID (03) 02, 07, 09.
b. 1931 Pennsylvania; M-4.
BS 1953, MS 1958, PhD 1968, PA St Univ.
Fields: 011, 017.
Prev Emp: Ext Econ, WA St Univ 1968-73; Econ, ERS 1960-67.
Lang: Fr 3-0-0, Spa 3-0-0.
Mbr: WRS.

DALRYMPLE, Dana G., FDD-ERS-USDA, Washington DC 20250; PH 202-447-7156.
Agr Econ, USDA (16 & 24) 07, 06, 22.
b. 1932 New York; M-2.
BS 1954, MS 1956 Cornell Univ; PhD 1962 MI St Univ.
Fields: 073, 017, 118.
Prev Emp: Agr Econ, AID, Wash. DC 1972-73; Mktg Econ, USDA 1962-67; Mktg Econ, Univ of CT 1956-59.
Pub: Measuring the Green Revolution: The Impact of Research Wheat and Rice Production, USDA 1975; Development and Spread of High-Yielding Varities of Wheat and Rice in the Less Developed Nations, USDA 1974; Survey of Multiple Cropping in Less Developed Countries, USDA 1971.
Lang: Fr 0-2-0.
Mbr: AHS, SHT.
Hon: Phi Kappa Phi, AAEA Travel Grant, IAAE Meeting.

DALY, Rex F., ERS-USDA, Washington DC 20250; PH 202-447-8116.
Outlook & Situation Officer, USDA (16) 15, 19, 18.
b. 1915 Utah; M-3.
BS 1938 UT St Univ; MS 1939 Univ of MD; PhD Univ of IL.
Fields: 018, 016, 075, 063.
Prev Emp: Econ Adv, Mins of Agr, Thailand, 1972-74; Dir, USDA 1968-72; Chm, Outlook & Situation Bd, USDA 1964-68.
Pub: Some Considerations in Appraising Long-Run Prospects for Agriculture, Income & Wealth Vol 16, 1954; Demand for Farm Products at Retail Level, Jour of Am Stat Assn, Sept 1958; Agriculture in the Vietnam Economy--A System for Economic Analysis, USDA 1973.
Lang: Sp 2-1-2, Thai 0-0-1.
Mbr: AEA, WAEA.
Hon: Outstanding Res. Rep. in Agr Econ, AAEA 1954; Sup. Serv. Award USDA 1955; Dist. Serv Award 1972.

DAMASCO, Mamerto D., 14 Licaros St Merville, Dampalit, Malabon, Rizal Philippines.

DAMIANOS, Dimitri, 23 Panepistimiou Str, Athens Greece.
Econ, Agr Bank of Greece, 07, 15, 18.
b. 1947 Greece; Citz: Greece; U.
BS 1970 Univ of RI; MS 1972, PhD 1975 VPI & St Univ.
Fields: 020, 080, 066, 081.
Pub: Spectral Analysis of Non-Stationary Time Series, MS Thesis 1972; Impacts of Alternative Flood Hazard Reduction Measures: Implications for Public Choice, Income Distribution and Benefit Estimation, PhD Thesis 1975.
Lang: Greek; Other: Eng 1-1-1, Fr 1-1-1.
Mbr: SAEA, IAAE.
Hon: Fulbright Hayes Scholarship.

DAMIRI, Jan, Central Bureau of Statistics Jalan Dr S Detomo 8, Djakarta, Indonesi

DAMNJANOVIC, Zivko B., Via delle Terme di Caracalla, Rome Italy 00100; PH 5797-3830.
Stat., FAO of the UN (63) 07, 14, 15.
b. 1916 Yugoslavia; Citz: Canada; M-2.
BS 1939 Belgrade; MS 1962 Canada; PhD 1976 Belgrade.
Fields: 071, 017, 011, 086.
Prev Emp: Econ, Dom. Bur of Stat, Canada 1964-65; Adv., Fed Inst of Econ Plng, Belgrade 1958-60; Econ, Econs Inst of FPRY, Belgrade 1953-58.
Pub: Tendencies of Resources of World Agriculture and Their Use, PhD Dissertation 1976; Productivity of Labor in World Agriculture, MS Thesis 1963.
Lang: Serbo-Croatian; Other: Eng 1-1-1, Fr 1-2-2, Rus 1-1-1, Sp 2-2-2, Ital 2-2-2.
Mbr: CAES.
Hon: Best MS Thesis, CAES Award 1962.

DANIEL, Raymond, 555 City Line Avenue, Bala Cunwyd PA 19401; PH 215-667-7350.
Dir of Agr Econ, Chase Econometrics (51) 15, 11.
b. 1940 Kentucky: M-2.
BS 1964 Univ of KY; MS 1968, PhD 1970 Purdue Univ.
Fields: 016, 014.
Prev Emp: Assoc Prof, Univ of TN, 1970-75.
Pub: Econometric Analysis of Fertilizer Demand, MI St Univ 1973.
Mbr: SAEA.
Hon: Sigma Zi, Gamma Sigma Delta, Phi Eta Sigma, Teacher of the Year Award 1974.

DANIELSON, Leon E., 3136-A D.H. Hill Library, Raleigh NC 27607; PH 919-737-2885.
Asst Prof, NC St Univ (03) 09, 07.
b. 1940 Wisconsin; M-1.
BS 1962 Univ of WI; MS 1964 NC St Univ; MA 1966, PhD 1971 Univ of CA.
Fields: 020, 038.
Prev Emp: Agr Econ, ERS-USDA 1970-71; Sys Anal, Jt Chf of Staff, Washington DC 1968-69.
Pub: Economic Analysis of Stream Channelization, Conference Proceedings 1972; Market and Tax Values of Farm Real Estate in North Carolina, NC St Univ Exp Sta 1974; Agricultural Use-Value Taxation in North Carolina, NC St Univ 1975.
Lang: Sp 3-3-3.
Mbr: AGU, AWRA, SAEA.
Hon: Alpha Zeta, Outstanding Young Man of America 1974.

DANNER, Maurice J., Dept of Agr Econ, Aubrun Univ, Auburn Univ, Auburn AL 36830; PH 205-826-4800.
Professor, Auburn University (03) 07, 08.
b. 1917 Oklahoma; M-3.
BS 1941 Texas Tech; MS 1942 Univ of TN.
Fields: 014.

DAPAAH, Samuel K., Isser PO Box 74, Univ of Ghana, Legon, Africa.
Res Fellow, Univ of Ghana (03) 07.
b. 1948; U.
BS 1972 Univ of Ghana; MS 1975 Univ of Guelph.
Fields: 011, 026, 017.
Pub: The Effects of Soil and Seasonal Change on the Accuracy of Crop Identification from Satellite Imagery 1974, Proceedings Agr Working Roup of the Canadian Adv Comm on Remote Sensing 1974.
Lang: French; Other: Twi (Akan) 1-1-1.
Mbr: CAES, OSRS.

DARDIS, Rachel, 3103 Turner Lab, Univ of MD, College Park MD 20742; PH 301-454-2141.
Professor, Univ of MD (03) 08, 07.
b. 1928 Ireland; Citz: Ireland; U.
BS 1949 St Mary's, Ireland; MS 1963, PhD 1965 Univ of MN.
Fields: 050, 040, 062.
Prev Emp: Assoc Prof, Univ of MD 1970-71; Assoc Prof, Cornell Univ 1968-70.
Pub: Cost-Benefit Analysis of Flamability Standards, Proceedings AATCC Meeting 1975; Inter-Fiber Competition and the Future of U.S. Cotton, AJAE 1972; Does the Consumer Gain from White Sales, Jour of Consumer Affairs, 1971.
Mbr: AEA, AHEA, ACCI.
Hon: Award for Outstdg Res on Cons Prob of Families, 1971.

DARR, Robert A., PO Box 1499, Columbia SC 29202; PH 803-252-9467.
President, Federal Land Bank of Columbia & Fed Int'med Credit Bank (32) 17, 18, 20.
b. 1913 North Carolina; M-5.
Prev Emp: VP & Sec-Tr, Fed Int'med Cr. Bank, SC; Mgr, Greenville Prod Cr Assn, NC 1936-45; Gen Mgr, Ideal Prod Cr Assn, NC, 1934-36.
Mbr: CRC, SCSCC; ACA.
Hon: Gamma Sigma Delta, Man of the Year in SC Agr, Progressive Farmer.

DARRAH, Lawrence B., 1319 Hanshaw Road, Ithaca NY 14850.
Professor Emer, Cornell Univ (72) 07, 06, 22.
b. 1915 West Virginia; M-3.
BS 1939 WV Univ; MS 1941 PA St Univ; PhD 1943 Cornell Univ.
Fields: 014, 016, 012, 051.
Prev Emp: Prof 1951-74; Assoc Prof 1948-51; Asst Prof 1945-48 Cornell Univ.
Pub: Agricultural Marketing in the Philippines 1969; Food Marketing, NY 1967, Rev., 1971; Marketing Agricultural Products, NY 1955.
Lang: Tagalog.
Mbr: PAEA, AMA.
Hon: Dir of Intl Biog, Am Men & Women of Science, Intl Scholars, Outstanding Prof, Cornell Univ, Dist. Undergrad. Teacher, AAEA.

DASSE, Frank A., 1611 Lee Way, Orlando FL 32810; PH 305-645-5261.
Econ Cons, Self-Employed (75) 11.
b. 1933 Michigan; M-3.
BS 1956 Univ of MI, MBA 1972 Stetson Univ; PhD 1975 Univ of FL.
Fields: 016, 024, 038.
Prev Emp: Asst Res Sci, Univ of FL 1972-75; Various, Gen Motors Corp 1956-71.
Pub: Economic Impacts of Frozen Concentrated Orange Juice Futures Trading Upon the Florida Orange Industry, Univ of FL 1975; Another Marketing Alternative for Orange Growers, Citrus & Vegetable Magazine, Nov 1975; The Outlook for Oranges, Commodities Magazine, Nov 1974.
Lang: Ger 2-0-3.
Mbr: AEA.
Hon: NDEA Fellow; Gamma Sigma Delta, Alpha Zeta.

DATT, John C., American Farm Bureau Fed. 425 13th Street NW, Washington DC 20004.

DAUGHERTY, Arthur B., 110 Weaver Bldg PA St Univ, University Park PA 16802; PH 814-865-0467.
Agr Econ, ERS-USDA (16) 07, 19.
b. 1936 West Virginia; M-3.
BS 1958 WV Univ; MS 1960 Univ of MA; PhD 1973 PA St Univ.
Fields: 022, 021, 038, 017.
Pub: Feasibility of Developing Regional Public Water Systems with Emphasion on the Municipal Authority Form of Organization, PhD Thesis 1973; Economies of Size Among Municipal Water Authorities in Pennsylvania, SJAE, Dec 1973; Land Ownership in Rural-Urban Fringe Areas of Pennsylvania, JNEAC, April 1975.
Mbr: NAEC, SAEA, WAEA.

DAUGHERTY, Robert E., 512 Agr Hall, Ext Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Assoc Prof & Ext Econ, OK St Univ (17) 09, 15, 27.
b. 1922 Oklahoma; M-3.
BS 1943, MS 1960 OK St Univ.
Fields: 014, 018, 015, 151.
Prev Emp: Livestock & Feed Mktg, Tehran, Iran, 1973-75; Assoc Prof & Ext Econ, OK St Univ 1957-73.
Pub: Beef Cycle of 1970's, OK St Univ, 1975; Livestock Development-Iran, Tehran, Iran 1975; Hedging Beef Cattle, OK St Univ 1970.

DAVAN, Clarence F. Jr., Great Western Sugar Company, 1530 16th Street, Box 5308 Terminal Annex, Denver CO 80217.

DAVES, Thomas E., Dept of Economics, SD St Univ, Brookings SD 57006; PH 605-688-4141.
Assoc Prof, SD St Univ (03) 07, 08, 22.
b. 1938 New Mexico; M-6.
BS 1960 NM Highlands Univ; MS 1965 NM St Univ 1965; PhD 1970 Univ of MN.
Fields: 021, 073, 033, 012.
Prev Emp: Asst Prof, Univ of MN 1969-73; Res Fellow & Instr, Univ of MN 1965-69; Res Asst NM St Univ 1964-65.
Pub: Economics of Small Watershed Planning in Minnesota, Univ of MN Tech Bull, 1974; Retrospective of Tunisia Agriculture 1962-71, Univ of MN Inst Agr Bull 1975.
Lang: Fr 1-3-1, Sp 2-0-0.
Mbr: AEA, WAEA, IAAE.
Hon: Gamma Sigma Delta.

DAVEY, Brian H., Agr Canada, Sir John Carling Bldg, Ottawa, Ontario Canada K1A0C5; PH 613-994-5571.
Asst Dir, Farm & Rural Devl Div (78) 06, 18, 07.
b. 1937 England; Citz: UK; M-2.
BS 1959 Leeds Univ; MS 1969 NC St Univ.
Fields: 017.
Prev Emp: Lect. Newcastle Univ, England 1966-73; Agr Econ, Mins of Agr, UNK, 1961-66.
Lang: Fr 1-1-1.
Mbr: AEA, CAES, IAAE.

DAVID, Milton L., PO Box 727, Manhattan KS 66502; PH 913-539-3565.
Exec V.P., Devl Planning Res Assn Inc. (51) 10, 17, 07.
b. 1938 Washington; M-2.
BS 1960 WA St Univ; MS 1962 Univ of AZ.
Fields: 090, 015, 020, 070.
Prev Emp: V.P., Dunlap & Assocs, Manhattan KS 1969-72; Res Dir, Dunlap & Assocs, Manhattan KS 1965-69; Econ. Agr Research Inc, Manhattan KS 1961-65.
Pub: Economics of Supplemental Irrigation in Developing Countries, IRRED 1975; Economic Evaluations of Irrigation in Humid Areas, Proceedings, IRRD 1972.
Mbr: AMA, IMS, WAEA.
Hon: Who's Who in Am, Who's Who in Finance & Industry, Am Men & Women of Science, Phi Kappa Phi, Alpha Zeta.

DAVIDSON, Donald R., Farmer Coop Serv, USDA, Washington DC 20250; PH 202-447-8838.
Agr Econ, USDA (19) 07, 05, 13.
b. 1925 Illinois; M-2.
BS 1947 Univ of IL, MS 1955 Univ of MD.
Fields: 013, 094, 096, 093.
Prev Emp: Voc. Agr Tchr, Alendale High School 1947-51.
Pub: How Farm Supply & Diversified Coops Finance Growth, USDA 1975; How Are Dairy Coops Financing Their Operations? USDA 1974; What Does Flow of Funds Show About Major Cotton Crops? USDA 1973.
Mbr: NSAC, OPE.

DAVIDSON, Michael, Box 162, Mbabane, Swaziland, South Africa.

DAVIS, Bob, 2302-C Red River, Univ of Houston, Victoria TX 77901; PH 512-578-3579.
Assoc Prof, Univ of Houston-Victoria (03) 08, 07.
b. 1938 Texas; M-2.
BS 1961, MS 1962 TX A&M Univ; PhD 1970 NC St Univ.
Fields: 016, 017, 093, 081.
Prev Emp: Assoc Prof, E. TX St Univ, 1970-73; Agr Econ, USDA 1969-70; Agr Econ, USDA 1964-69.
Pub: Organization of Tobacco Farms Under Acreage-Poundage Control Programs EIR 24 NC St Univ 1971; Economic Potential for Converting Woodland and Pasture to Cropland, USDA 1972; An Analysis of Labor Use for Alternative Flue-Cured Tobacco Harvesting & Curing Systems, NC St Univ 1971.

Mbr: Texas AS, VP 1973; SEA, AIDS.
Hon: Fellow, TX Acad of Sci; Adv Coun Mbr, Phi Kappa Phi.

DAVIS, Carlton G., Dept of Food & Res Econ, Univ of FL, Gainesville FL 32611; PH 904-392-1759.
Assoc Prof, Univ of FL (03) 07, 08.
b. 1936 Jamaica; Citz: U.S.A; U.
BS 1964, MS 1965 Univ of NE; PhD 1970 MI St Univ.
Fields: 043, 044, 031, 017.
Prev Emp: Asst Prof, Univ of FL 1970-75; Instr MI St Univ 1969-70; Res Fellow, Univ of West Indies, Trinidad 1968-69.
Pub: The Poverty Dimension of Rural Underdevelopment in America, IA St Univ Press 1976; Rural Development Research Programs of Southern 1862 and 1890 Landgrant Colleges, SJAE, 1974; Rural Housing Quality and Income Poverty in North Central Florida, FL Agr Exp Sta 1975.
Lang: Fr 2-0-0.
Mbr: AEA, SAEA.
Hon: Am Men & Women of Science, Who's Who in South & Southeast, Gamma Sigma Delta.

DAVIS, Gary A., Rm 8, Agr Hall, MI St Univ, E. Lansing MI 48824; PH 517-355-2320.
Agr Econ, ERS-USDA, (16) 07.
b. 1944 Montana; M-3.
BS 1966, MS 1968 MT St Univ.
Fields: 012, 084, 093.
Prev Emp: Instr, MT St Univ 1968.
Pub: Economic Impacts of Controlling Surface Water Runoff From Fed-Beef Production Facilities, USDA 1975; The Formula Feed Industry 1969, USDA 1972; Fall Calving in Montana, Bozeman MT 1970.

DAVIS, Irving F., Dept of Finance & Ind, Sch of Business, Univ of CA, Fresno CA 93740; PH 209-487-2546.
Professor, CA St Univ-Fresno, (03) 08, 07.
b. 1917 California; M-3.
BS 1940 Univ of CA-Berkeley; MS 1942 Univ of IL; PhD 1959 Univ of CA-Berkeley.
Fields: 095, 013.
Prev Emp: Assoc Prof, CO St Univ, 1955-60; Res Asst, Univ of CA-Berkeley, 1951-55; Agr Rep, Bank of America, CA, 1941-50.
Pub: A Statistical Approach to Real Estate Values, CSUF, 1965; A Study of MLS Estimation of Residential Prices, CSUF, 1967; Problems in Financing Older Homes in Fresno, CSUF 1968.
Lang: Sp 2-2-2.
Mbr: WAEA.

DAVIS, James H., PO Box 4995, Whittier CA 90607; PH 213-699-0571.
Commodity Oper Mng, Great Plains Western Corp (51) 15, 05, 10.
b. 1949 California; M-3.
BS 1971 CA Poly-Tech Univ-Pomona; MS 1973 OK St Univ.
Fields: 016, 081, 018, 093.
Prev Emp: Grad Res Assoc, OK St Univ.
Pub: Evaluation of Alternative Mktg Strategies to Reduce Price Risk of Stock Operations, SJAE, 1973.
Mbr: Alpha Zeta-Chancellor 1971, Gamma Sigma Delta.

DAVIS, Joe T., Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506.

DAVIS, Leroy, Dept of Agr Econ & Agri-Bus, Southern Univ, Baton Rouge LA 70813; PH 504-771-5124.
Assoc Prof & Dept Chmn, Southern Univ (03) 07, 08, 02.
b. 1944 Arkansas; M-2.
BS 1967 AM&N College; MS 1971, PhD 1972 Univ of IL.
Fields: 043, 031, 034, 011.
Prev Emp: Grad Res Asst, Dept of Ag Econ, Univ of IL 1971-72; Grad Asst Counseling, Univ of IL 1971-72; Teacher's Aid, AM&N College, Pine Bluff, AR 1965-67.
Pub: Price Differentials Among Illinois Country Elevators SM-42, 1973; Spatial Price Differentials for Corn Among Illinois Country Elevators, AJAE, 1974; Impact of Large Scale Coop-Type Farm on Small & Intermediate Type Farm Firms, Emergency Land Fund, 1974.
Mbr: AEA, AMA, SAEA.
Hon L.A. Davis Scholarship, AM&N College, 1963-64; Alpha Kappa Mu; NDEA Fellow, Univ of IL 1967-70.

DAVIS, M. Leroy, Econ Dept, Hardin-Simmons Univ, Abilene TX 79601; PH 915-677-7281.
Asst Prof, Hardin-Simmons Univ (03) 08, 02.
b. 1944 California; M-0.
BS 1966 CA St Poly Univ; MS 1968 IA St Univ; PhD 1973 CO St Univ.
Fields: 141, 010, 080, 094.
Prev Emp: Asst Prof, Ext Univ of GA, Athens 1973-74; Asst Prof, CA Poly, San Luis Obispo 1969-71; Instr, IA St Univ, 1966-68.
Pub: Rural Industrialization in Colorado, Jour of Comm Devl 1975; Rural Development in Colorado, CO Exp Sta 1974; Rural Development in Colorado, Dissertation 1973.
Mbr: AEA, FMA, WEA.
Hon: Phi Kappa Phi, Omicron Delta Epsilon, Alpha Zeta.

DAVIS, Velmar W., 500 12th Street SW, Washington DC; PH 202-447-8151.
Deputy Dir, NRED ERS-USDA; (16) 06, 07.
b. 1923 Indiana; M-2.
BS 1948, MS 1949 Purdue Univ; PhD 1956 Univ of IL.
Fields: 026, 011, 012, 014.
Prev Emp: Asst to Adm, ERS-USDA, Wash., DC 1972-73; Field Res Coord, ERS-USDA, Washington DC 1970-72; Branch Chf, ERS-USDA, Washington DC 1970-72; Branch Chief, ERS-USDA, Washington DC 1966-70.
Lang: Ger 3-3-3, Ita 3-3-3.
Hon: USDA Certificate of Merit 1970; USDA Superior Service Award 1972.

DAVISON, Cecil W., Room 391 - 500 12th Street SW, Washington DC; PH 202-447-8840.
Agr Econ, USDA-ERS (16) 19, 07.
b. 1942 OK; M-0.
BS 1964, MS 1965 OK St Univ; PhD 1976 Univ of IL.
Fields: 011, 017.
Prev Emp: Cpt., US Army, South Vietnam 1966-68.
Pub: Sensitivity of Beef Quantity and Prices, 1980 Preview, IL Agr Econ 1973; The Economic Effects on Beef Production of Feeding Young Bulls, Administering Growth & Stimulants and Crossing British Breeds, Dissertation; Impact of Alternative Trade Policies on Dairy Farm Net Cash Income 1975-80, JNAEC, 1975; Effect of Dairy Farm Size and Spatial Density on Regional Marketing Costs and Supply Firm Resource Use, NH Agr Exp Sta 1974.
Hon: Sigma Chi, Gamma Sigma Delta, Omicron Delta Kappa.

DAVULIS, John P., James Hall, Univ of NH, Durham NH 03824; PH 603-862-1020.
Resc Econ, Univ of NH, (03) 07, 08.
b. 1945 NH; M-0.
BA 1967 Univ of NH; MA 1970 Univ of Cincinnati; PhD 1973 Univ of NH.
Fields: 010, 081, 035, 070.
Prev Emp: Res Asst, INER, Univ of NH, Durham NH 1971-73; Lectr, Canaan Coll, Canaan NH 1970-71; Teaching Asst, Univ of Cincinnati, 1967-70.
Pub: Impact of Alternative Trade Policies on Dairy Farm Net Cash Income, 1975-80, JNAEC, 1975; Effect of Dairy Farm Size and Spatial Density on Regional Marketing Costs and Supply Firm Resource Use, NH Agr Exp Sta 1974.
Mbr: NAEC.

DAWLATY, Khairulah, Fac of Agr, Univ of Kabul, Kabul, Afghanistan.

DAWSON, George R., PO Box 3169, NM St Univ, Las Cruces NM 88003; PH 505-646-3215.
Prof & Head of Dept, NM St Univ (03) 01, 07, 08.
b. 1928 Texas; M-1.
BS 1950 NM A&M Univ; MS 1955 Univ of MO; PhD 1958 Cornell Univ.
Fields: 012, 017, 020, 038.
Prev Emp: Prin Econ, CSRS-USDA, Wash. DC 1970-71; Ext Agent, NMSU, Las Cruces 1950-55.
Lang: Sp 3-3-3.
Mbr: WAEA, ASFM&RA, NM SFM&RA.
Hon: Am Men & Women of Sci; Outstanding Educators; Phi Kappa Phi; Dist. Military Grad.

DAWSON, John, PO Box 527, Ottawa, Ontario Canada; PH 613-993-1061.
Dir., Econ Council of Canada (36) 06, 18, 15.
b. 1923 Canada; Citz: Canada; M-2.
BS 1947 McGill Univ; MS 1949 Univ of IL; PhD 1957 Univ of Chicago.
Fields: 070, 120, 020, 040.
Prev Emp: Econ Adv, Board of Broadcst Governors, Ottawa, Canada 1960-64; Sec. Royal Commission, Price Spreads on Food Prod, Ottawa, 1958-60; Econ., Dept of Agr, Ottawa 1947-55.
Pub: The Demand for Irrigation Water in the Ainsworth Area of Nebraska, Univ of Chicago Dissertation, 1957; Changes in Agriculture to 1970, Econ Council of Canada, 1965; Productivity Change in Canadian Mining Industries, Econ Council of Canada, 1971.
Mbr: CAES, ICAE, Chrmn Can Coun 1968-70, CEA.
Hon: Am Men & Women of Science, Who's Who in America.

DAWSON, Robert H., Suite 319, Extension Hall, OR St Univ, Corvallis OR 97331; PH 503-752-4391.
Agr Econ, ERS-USDA, (16) 07, 15.
b. 1935 Washington; M-0.
Fields: 021, 025, 081.
Lang: Sp 2-2-2.
Mbr: WAEA, NIPHLE.

DAY, Lee M., Cornell Univ, 242 Roberts Hall, Ithaca NY 14853; PH 607-256-7743.
Dir, NE Regional Ctr. Rural Development.
b. 1923; M-2.
BS 1947, MS 1948 IA St Univ; PhD 1953 Univ of MN.
Fields: 030, 040, 011.
Prev Emp: Prof & Head, PA St Univ, 1969-75; Principal Econ, PEP Staff, Off of Sec, Washington DC 1965-69; Staff Econ Off of Sec, USDA, Washington DC 1963-64.
Mbr: NEAEC.
Hon: Who's Who in America.

DE, Vo H., Dept of FRE, Univ of FL, Gainesville FL 32611; PH 904-392-2208.
Asst Res Sci, Univ of FL (03) 07.
b. 1942 Vietnam; Citz: Vietnam; U.
AE 1967 Na Agr Center-Saigon; PhD 1975 Univ of FL.
Fields: 050, 080, 014, 016.
Prev Emp: Grad Asst, Univ of FL 1971-75; Instr, Natl Agr Center, Saigon, 1967-71.
Pub: Demand for Food in South Vietnam and Projections for 1980, Dissertation Univ of FL 1975.
Lang: Vietnamese; Other: Fr 1-2-2, Eng 1-1-2.
Mbr: IAAE.
Hon: Alpha Zeta, Omicron Delta Epsilon, Gamma Sigma Delta.

DEAN, Jon D., Computer Center, Human Resource Dept, Public Serv Bldg, Salem OR 97303; PH 503-378-8591.
Sr. Computer Oper, State of Oregon (40) 14, 23.
b. 1937 Illinois; M-2.
BA 1975 OR College of Educ.
Fields: 030, 026, 072, 110.
Prev Emp: Mngr, Sheila's Store, Ipswich, England 1965-67; Computer Operator, Sunstrand Corp, Rockford IL 1961; USAF A/1st Class, 1954-61.

DE-ANGELIS, Lucio, Dept of Agr Econ, Univ of Naples, Portici (Naples) Italy 180055; PH 081-739-0664.
Prof, Univ of Naples, Italy (03) 07, 08.
b. 1933 Italy; Citz: Italy; M-1.
Laurea in Scienze Agrarie 1961.
Fields: 012, 011.
Prev Emp: Instr, Centro di Spec Econ, Agr Peril Mezzogiorno, Portici (Naples) 1962-73.
Lang: Italian; Other: Eng 1-2-2, Fr 1-3-3.
Mbr: SIDEA, IAAE.

DEATON, Brady J., Dept of Agr Econ & Rur Soc, Univ of TN, PO Box 1071, Knoxville TN 37901; PH 615-974-7231.
Assoc Prof, Univ of TN (03) 07, 08.
b. 1942 Kentucky; M-4.
BS 1966, MA 1968 Univ of KY; MS 1969, PhD 1972 Univ of WI.
Fields: 030, 040, 017, 073.
Prev Emp: Res Asst, Center for Devl Change, Univ of KY, 1970-72; Econ., Robert F. Kennedy Mem Found, Clairfield TN 1969-71; Res Asst, Land Tenure Center, Univ of WI, Madison 1968-70.
Pub: Psychic Costs & Factor Price Equalization, SJAE 1975; The Community Development Corporation: A Development Alternative for Rural America, Growth and Change 1975; Migration & Return Migration: A New Look at the Eastern Kentucky Migration Stream, SJAE 1974.
Lang: Thai 3-3-1, Spa 1-2-2.
Mbr: SAEA.
Hon: Robt F Kennedy Mem Fellow 1968-71; Ford Fellow Univ of WI 1969.

DEATON, James L., 216 1911 Bldg, Dept of Econ & Bus, NC St Univ, Raleigh NC 27606; PH 919-737-2617.
Teaching Asst, NC St Univ (03) 23, 08, 07.
b. 1949 Okinawa; Citz: USA; M-0.
BA 1971, ME 1973, PhD 1976 NC St Univ.
Fields: 062, 016, 081, 068.
Prev Emp: Res Asst, NC St Univ, 1972-74; Mngr, Sperry Marine Emp Fed Cred Union, Charlottesville VA 1971-72.
Pub: An Analysis of the Raleigh Christmas Tree Market in 1972, Projections to 1980, NC St Univ 1974; The Adoption of the Combine: 1920-60, Dissertation 1976.
Lang: Ger 1-2-2, Sp 3-3-3.
Mbr: AEA, EHA, SEA.
Hon: Omicron Delta Epsilon, Phi Kappa Phi.

DE BENEDICTIS, Michele, Inst Econ Agr, Portici, Italy 80055; PH 081-739-0664.
Prof, Univ of Napoli (03) 02, 08, 07.
b. 1927 Ethiopia; Citz: Italy; M-2.
Laurea 1950 Univ of Napoli; MS 1955, PhD 1957 IA St Univ.
Fields: 012, 017.
Prev Emp: Asst Prof, Univ of Napoli, Naples, 1960-71; Econ, FAO, Sao Paulo Brazil 1957-59.
Pub: Mezzogiorno Estensivo Agricoltura, F. Angeli, Milano, Italy 1974.
Lang: Italian; Other: Eng 1-1-1, Fr 1-2-2.
Mbr: AEA, SIEA, Sec. Tres. 1968-74.
Hon: Phi Kappa Phi.

DEBERTIN, David L., 315 Agr Sci South, Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506; PH 606-257-1636.
Asst Prof, Univ of KY (03) 07, 08, 09.
b. 1947 North Dakota; U.
BS 1969, MS 1970 ND St Univ; PhD 1973 Purdue Univ.
Fields: 080, 040, 011, 030.
Prev Emp: Asst Prof, Purdue Univ 1973-74.
Pub: Returns to Information, AJAE, 1975; Demand and Supply of Teachers, Jour Socio-Planning Science 1975; Deletion of Variables in Regression, SJAE 1975.
Hon: Phi Kappa Phi Fellow, Gamma Sigma Delta, Sigma Chi.

DeBOER, Alvin J., Dept of Agr, Univ of Queensland, St Lucia, Queensland 4067 Australia; PH 70-6616.
Lectr in Agr Econ, Univ of Queensland (03) 08, 07, 22.
b. 1944 Oregon; M-3.
BA 1966 CO St Univ; PhD 1972 Univ of MN.
Fields: 011, 073, 151, 154.
Prev Emp: Asst Instr, Univ of MN, St Paul, 1972; Res Spec, Univ of MN 1969-71; Adm Asst, Univ of MN 1968-69.

Pub: Sacred Cows: Comment, AJAE 1973; A Note on a Mandatory Land-Use Program, Australia Jour of Ag Econ 1976; Economics and Energetics: Sigatoka Valley, World Crops, 1974.
Lang: Thai 2-3-1, Sp 2-2-3.
Mbr: AAES, IAAE, ESA&NZ, Tres Q Br 1973-75.
Hon: Alpha Zeta.

DEBOIS, Jean-Marie, OECD, 2 Rue Andre-Pascal, F-75775 Paris Cedex 16, France; PH 1-524-9537.
Adm., OECD (62) 03.
b. 1941 Belgium; Citz: Belgium; M-3.
Lic Sc Econ 1964, Dipl Econ Math 1966, Louvain; MS 1971, PhD 1976 Univ of CA-Berkeley.
Fields: 066, 030, 100, 110.
Prev Emp: Act Asst Prof, Univ of Mons, Belgium, 1973, 1968-70; Res Asst, Grad Student, Univ of CA-Berkeley, 1970-72; Res Asst, Cath, Univ of Louvain, Belgium 1964-67.
Pub: Policy Choice, Voting and Prisoner's Dilemma Game With an Application to EEC Agricultural Support, Univ of CA, Berkeley 1976; Analyse Economique des Investissements Lab econ Rurale Louvain IEA dans lagriculture belge, Mins of Agric, Bruxelles 1968.
Lang: French; Other: Eng 1-1-1, Ger 1-2-2.
Mbr: AEA.

DE-BOON, Teunis, Provimi Portuguesa, Apt 26, Alverca, Portugal; PH 258-2321.
Mktg Dir, Central Soya Co (51) 11, 10, 20.
b. 1941 Netherlands; Ctiz: Netherlands; M-2.
BS 1965 Athens College; MA 1971, PhD 1974 Univ of FL.
Fields: 073, 014, 110, 090.
Prev Emp: Plant Mgr, Ralston Purina, Brazil, 1967-70; Asst. Mgr, Ralston Purina, Germany, 1966-67; Poultry Mgmt Trainee, Cona Gra, USA 1964-66.
Pub: Influence of Trade Barriers: The Florida and Mexican Experience with Winter Cucumbers, March 1974; Potential Role of Technology to Enhance Florida Competition with Imports of Cucumbers in 1980, Florida Horticultural Society, November 1974; Effects of Trade Policies on Competition Between Florida and Mexico in the U.S. Winter Cucumber Market, SJAE July 1975.
Mbr: SAEA.
Hon: Dept Award for Best Dissertation 1974.

DEBORD, Donald V., PO Box 12285, Memphis TN 38112; PH 901-276-2783.
VP, Cotton Foundation, Natl Cotton Council (53) 04, 07, 09.
b. 1944 Ohio; M-2.
BS 1966 OH St Univ; MS 1970, PhD 1974 NC St Univ.
Fields: 016, 018, 011, 014.
Prev Emp: Agr Econ, Ntl Cotton Council, Memphis TN 1974-75; Instr/Econ, NC St Univ 1970-73; Head Residence Counselor, NC St Univ 1970-72.
Pub: Economic Outlook for U.S. Cotton, Natl Cotton Council/Memphis TN 1976; Demand for and Cost of Coastal Salt Marsh Mosquito Abatement, NC Agr Exp Station, March 1975; Public Mosquito Abatement, Jour of Env Econ & Mgmt 1976.
Lang: Sp 2-0-0.
Mbr: AEA, SAEA, Mid-So Assn of Bus Econ, Pres (1975-76) Sec Tres (1974-75).

DECHATES, Supote, Agr Econ Div, Mins of Agr & Coop, Bangkok, Thailand.

DeFARCY, Henri M., 42 Rue de Grenelle, F 75007, Paris, France; PH 548-8771.
Prof, Catholic Univ, Paris, France (03) 08, 09, 07.
b. 1914 France; Citz: France; U. Doctorate Geographie 1949 Univ de Lyon; MBA 1954 CPA Chambre Commerce, Paris.
Fields: 031, 041, 014, 046.
Prev Emp: Dir, Bureau Pour le Devl de la Prod Agr, Paris 1969- --; Intl Consultant, Various Countries, 1958-present.
Pub: L'espace Rural, Paris, France 1975; L'Economie Agricole, Paris, France 1971; Debouches Agricoles (4 volumes) Paris, France, 1958-66.
Lang: French; Other: Eng 3-2-2; Ita 3-1-2; Sp 3-1-1.
Mbr: AAF, ASC, Pres. 1969, IAAE.
Hon: Who's Who in France.

DEHTER, Aaron, Univ Fed Rio Grande de Sul, Av Joao Pessoa 31, Porto Alegre, 90000, Brazil; PH 21-4026.
Prof, Centro Estudos Pesquisas Econ (03) 08, 07.
b. 1943 Argentina; Citz: Argentina; M-2.
1961-65, Licenciado 1966 Univ of Buenos Aires; MA 1970, PhD 1974 Univ of MN.
Fields: 035, 069, 073, 121.
Prev Emp: Prof, Univ Nacional del Sur, Bahia Blanca, Argentina 1972-74; Grad Student & Res, Ford Foundation, MN & Argentina 1967-72.
Pub: Economic Analysis of an Urban Center as a Potential Growth Pole. An Arg. Case, PhD Thesis, Univ of MN 1974; Ciencia Economica Teoria e Realidade, IEPE, Porto Alegre, 1975; Income Diff Among 44 Counties of the Province of Buenos Aires, Argentina, PPEA Meeting 1969.
Lang: Spanish; Other: Eng 1-1-1, Por 1-1-1
Mbr: AEA, IAEA, SBER, Argentina AEA.
Hon: Ford Foundation Fellow (1967-72), Banco Comercial Mexicano, 1966.

DEICHMAN, Donald M., 217 Filley Hall, East Campus, Univ of Nebraska, Lincoln NE 68503; PH 402-472-3401.
Res Asst, Univ of NE (03) 23, 07.
b. 1949 Missouri; U.
BS 1971 Univ of MO; now attending Univ of NE.
Fields: 073, 118, 021.
Prev Emp: Volunteer, Peace Corps, Colombia 1971-74.
Lang: Sp 2-2-2.
Hon: 1971 Who's Who in Am Colleges & Univ; Omicron Delta Epsilon; 2nd Place, 1970 Student Section/AAEA Natl Speech Contest.

DEITER, Ronald E., Dept of Econ, IA St Univ, Ames IA 50011.
Asst Prof, Iowa St Univ (03) 08, 07, 23.
b. 1949 Wisconsin; M-0.
BS 1971, MS 1973 Univ of WI; PhD 1976 Univ of IL.
Fields: 014, 016, 017, 100.
Prev Emp: Res Asst, Dept of Agr Econ, Univ of IL 1973-75; Res Asst, Dept of Agr Econ, Univ of WI 1972; Intern, Stat Reporting Serv-USDA, Madison WI 1970.
Pub: Effects of Wisconsin's Minimum Markup Law, Univ of WI 1973; Improving the Performance of Bulk Milk Assembly, AAEA Meetings 1974; Services Provided by Dairy Marketing Cooperatives, Univ of IL 1976.
Mbr: FFA State President 1970; State Secretary 1969.
Hon: Gamma Sigma Delta.

DE-JANVRY, Alain F., 207 Giannini Hall, Univ of CA, Berkeley CA 94720; PH 415-642-3348.
Assoc Prof; Univ of CA, Berkeley (03) 08, 07, 02.
b. 1939 France; Citz: France; M-2.
Ingenieur 1962 INA, Paris; PhD 1966 Univ of CA, Berkeley.
Fields: 073, 076, 069, 156.
Pub: Political Economy Rural Development, AJAE, 1975; Tech Innovations, QJE, 1973; Decision Under Risk, AJAE, 1972.
Lang: French; Other: Eng 1-1-1, Sp 1-1-1.
Mbr: Latin Am Scholar Assoc.

DELANO, Frederick D., Box 566, KS St Univ, Baldwin KS 66006; PH 913-594-3829.
Area Ext Econ Fm Mgmt, KS St Univ (03) 09, 20, 13.
b. 1939 Kansas; M-4.
1972-74 Univ of MO; BS 1961 Univ of MO; MS 1972 Univ of MO.
Fields: 012, 013.
Prev Emp: Instr, Univ of MO, Columbia, 1972-74; Ext Farm Mgmt Econ, KS St Univ, El Dorado 1968-71; Co Agent, KS St Univ 1964-67.
Pub: Economics of Compensation in Backgrounding Systems, Univ of MO 1972.

DEL FA, Mario J., 1845 S Park Street, Madison WI 53713; PH 608-251-4646.
Res. Anal, Spanish Am Org, Inc. (70) 18, 07, 04.
b. 1931 Argentina; Ctiz: USA; M-1.
Law 1963 Natl Univ Buenos Aires; MS 1968, PhD 1975 Univ of WI.
Fields: 014, 015, 013, 073.
Prev Emp: Asst Prof, Cath Univ of Puerto Rico, Ponce PR 1972-73; Board's Asst, Natl Meat Board, Buenos Aires, Arg., 1963-65.
Pub: Economic and Legal Factors in the Marketing of Agricultural Products in Argentina: The Generation of Transactions Costs, Madison WI 1975.
Lang: Spanish; Other: Eng 1-1-1, Ita 1-2-1.
Mbr: IAAE, Argentina AAE, Latin Am Studies Assoc.
Hon: Small Rural Ind, Ford Foundation Scholarship-PPEA Fellow 1965-71, Univ of WI Law Sch Res Grant 1969-70.

DELPHENDAHL, Johannes, Dept of Agr & Res Econ, Winslow Hall, Univ of ME, Orono ME 04473; PH 207-581-7620.
Professor, Univ of Maine (03) 08, 07, 23.
b. 1926 Germany; Citz: USA; M-1.
Dipl Landw. 1950 Univ of Hohenheim, Germany; MS 1956 Univ of MA; PhD 1961 MI St Univ.
Fields: 038, 026, 112.
Prev Emp: Asst Prof, NM St Univ, Las Cruces 1959-62; Grad Asst, MI St Univ, E Lansing MI 1956-59; Instr, Univ of MA, Amherst 1954-56.
Pub: Socioeconomic Profile of the Upper Piscataquis River Watershed, Univ of ME, 1975; Penobscot River Study, Env Center, Univ of ME 1972; Expenditure Patterns and Services Rendered by Michigan Townships, 1945-58, Univ of MI 1961.
Lang: German.
Mbr: AEA, IAAE.

DELVO, Herman W., 500 - 12th Str SW, Washington DC 20250; PH 202-447-5458.
Agr Econ, NEAD-ERS-USDA (16) 07.
b. 1937 North Dakota; M-3.
BS 1962, MS 1965 ND St Univ; PhD 1971 Univ of NE.
Fields: 011, 026.
Mbr: WSSA.

DENIS, Elmer C., 7400 E 13th Street, Agr Prod Div, Kansas City MO 64126; PH 816-968-1244.
Mngr Mkt Res., Butler Mfg Co (51) 27.
b. 1920 West Virginia; M-3.
BS 1948, MS 1950 Purdue Univ.
Fields: 095, 014.
Prev Emp: Consultant, Self-Employed, St Louis MO 1970-73; V. Pres., Doane Agr Service, St Louis MO 1950-70.
Pub: Cost and Return of Crop and Livestock in Southeast Indiana, Purdue Univ 1949.
Mbr: AMA, Pres. St Louis Chapter.

DENNEY, Evert W., ERS-USDA, Room 398, 500 12th Street SW, Washington DC 20250; PH 202-447-8106.
Agr Econ., USDA-ERS (16) 07.
b. 1944 Maryland; M-2.
BS 1966, MS 1970 OH St Univ.
Fields: 018, 076, 112.
Pub: Australian Grain and Livestock Industry, USDA 1972; USDA Survey, TTPI, Guam, American Samoa, USDA, 1975.
Mbr: Foreign Agr.

DENNIS, Carleton C., PO Box 1333, Syracuse NY 13110; PH 315-477-6580.
V. Pres, Planning, Agway, Inc (52) 15, 10, 05.
b. 1923 Michigan; M-3.
BS 1954, MS 1956 MI St Univ; PhD 1959 Univ of CA, Berkeley.
Fields: 018, 060,091.
Prev Emp: Agr Econ, USDA, Washington DC 1962-65; Asst Prof, MI St Univ, 1959-62; Cooperative Agent, Univ of CA & USDA, Berkeley CA 1955-59.
Pub: Interregional Competition in Strawberry Production: Hilgardia, Univ of CA 1960.
Mbr: NABE, NPA, NEC.
Hon: Who's Who in the US; Who's Who in the East; Men of Achievement; Agr Leaders Directory; Who's Who in Finance & Ind; Best PhD Dissertation AAEA Award 1959.

DERMENTZOPOULOS, Apostolos, 22 Hippocratous Street, Athens 144 Greece; PH 627-321.
Res Worker, Center of Planning & Econ Res, (71) 07.
b. 1910 Turkey; Citz: Greece; M-2.
BS 1934 Univ of Salonica; Dipl d'Ing 1951 IFFI, Paris; Doctor in Agr 1954, Univ of Salonica.
Fields: 014, 016, 017, 051.
Prev Emp: Spec in Agr & Econ & Refrigerating Eng., Agr Bank of Greece, Athens, 1952-61.
Pub: Appraisal of Hail Damages on Tobacco Plants, Salomica 1954; Organization and Cost of Marketing of Fruits and Vegetables in the Domestic Market, Athens 1965; Research on Marketing of Apples in Greece, Athens 1966.
Lang: Greek; Other: Fr 1-1-1, Eng 1-2-2.
Mbr: IIR, SFER, WAEA.

DERR, Derl I., 1120 Connecticut Ave NW, Washington DC 20036; PH 202-467-4010.
Dir - Agr/Bankers Div, American Bankers Assoc (53) 01.
b. 1929 Pennsylvania; M-3.
BS 1951, MS 1957 Cornell Univ.
Fields: 013.
Prev Emp: Agr Rep, Natl Commercial Bank & Trust Co, Plattsburg NY 1957-60; Lt., USAF, Albuquerque NM 1953-56.

DERR, Donn A., Dept of Agr Econ, PO Box 231, New Brunswick NJ 08903.
Assoc Prof, Rutgers St Univ (03) 07, 08.
b. 1940 Ohio; M-3.
BS 1962 OH St Univ; MS 1964, PhD 1968 OH St Univ.
Fields: 038, 031, 026.
Prev Emp: Res Assoc, OH Agr Res & Devl Center, Columbus OH 1965-68; Rev. Appraiser, OH Dept of Highways, Columbus 1964-65; Res Asst, OH Agr Exp Sta, 1962-64.
Pub: Health Care Contact in Rural Areas, JAEC 1975; Methodological Considerations in Researching Community Services, NJ Exp Sta Bull 1975.
Mbr: AAAS, AEA, SCSA.
Hon: Who's Who in America; American Men & Women of Science.

DESAI, D. R., PO Box 1176, Concord NC 28025.

De-STEFANO, Francesco, Facolta Agraria, Univ of Napoli, Portici (Napoli) ITALY.
Professor, Univ of Napoli (03) 08, 07, 02
b. 1933 Italy; Citz: Italy; M-3.
Agr 1956 Univ of Napoli; 1959-1960 Univ of CA-Berkeley.
Fields: 017, 014.
Prev Emp: Instr, Center of Agr Econ, Portici-Napoli, 1961-69; Res Asst, Univ of CA-Berkeley, 1959-60.
Pub: Offerta Agricola e Prezzi CEE, Napoli Italy 1970; Stima Della Demanda, Napoli 1967; Mercato Ortofrutticolo, Napoli 1965.
Lang: Italian; Other: Eng 1-2-1, Fr 1-0-3
Mbr: AES, IAAE, SIEA, Sec 1974 to date.

DE-VALK, Robert G., 740 Springland Dr, Apt #332, Ottawa, Ontario, Canada; PH 613-733-1708.
Policy Anal, Fed Govt of Canada (78) 18, 07.
b. 1944 Holland; Citz: Canada; M-0.
HBA 1971 Brock.
Fields: 110, 100, 156, 060.
Commerce Off, Fed Govt Canada, Ottawa, 1971-75.
Lang: Dutch; Other: Eng 3-3-3.
Mbr: CAES, AIC, Ontario Inst of Agr.

DEVINE, John M., Dept of Agr Econ & Rur Soc, Unit of TN, Box 1071, Knoxville TN 37901; PH 615-974-7321.
Grad Asst, Univ of TN (03) 07, 23, 21.
b. 1930 Tennessee; M-4.
BA 1953, MA 1961 Univ of TN.
Fields: 011, 158.
Prev Emp: Major, USAF 1953-73.
Lang: Sp 2-2-2, Fr 2-3-3.
Mbr: SAEA, RSA, Sigma Chi.

DEVINO, Gary T., 322 Mumford Hall, Dept of Agr Econ, Univ of Missouri, Columbia MO 65201; PH 314-882-4516.
Assoc Prof, Univ of MO (03) 07, 08.
b. 1937 Vermont; M-4.
BS 1959, MS 1960 Cornell Univ; PhD 1965 PA St Univ.
Fields: 014, 013.
Prev Emp: Asst/Assoc Prof, Rutgers Univ, NJ, 1966-70; Asst Prof, Univ of VT, 1965-66; Econ, NY Milk Mktg Adm, New York 1961-65.
Hon: Omicron Delta Epsilon, Gamma Sigma Delta.

DEWEY, Arthur W., Dept of Agr Econ, Univ of CT, Storrs CT 06268; PH 203-486-2741.
Professor, Univ of CT (03) 09, 07, 08.
b. 1912 Iowa; W-2.
1930-31 Univ of WI; BS 1934, IA St Univ; MS 1941 Univ of CT.
Fields: 032, 039, 038, 014.
Prev Emp: Land Plng Spec, USDA, 1936-46.
Pub: Treatment and Disposal of Septic Tank Pumpings, EPA, Cincinnati, OH 1976; A Coordinated Rural Health Program, Storrs Ct. Exp Sta 1974; Retail Demand Floricultural Products, Storrs CT Exp Sta 1959.

DICKHERBER, Harold, 602-A Univ Village, Columbia MO 65201.

DIATTARA, Agne E. F., 142 Rue de Bayeux Sodeua, Dakar, Senegal, Africa.
Chief of Survey Div, Natl Ext Agency (60) 09, 20, 21.
b. 1945; Citz: Senegal U.
MS 1973.
Fields: 152, 011, 080, 020.
Lang Poular; Other Fr 1-1-1, Rus 1-2-2, Eng 1-2-2.

DICKEY, Ronald W., Fairleigh Dickinson Univ, 285 Madison Avenue, Madison NJ 07940; PH 201-377-5166.
Assoc Dean, Coll of Bus Adm, Fairleigh Dickinson Univ (03) 02, 08.
b. 1940 Illinois; M-0.
BS 1962 Western IL, MS 1963, PhD 1966 OH St Univ.
Fields: 094, 110.
Prev Emp: Corp Econ, CPC Intl Inc., Englewood Cliffs NJ 1968-70.
Lang: Sp 2-2-2.
Mbr: AEA, FMA, AMA.

DICKEY, Thomas M., Office of Agr Stat, Box 10163, Santurce PR 00908; PH 809-724-4911.
Economist, PR Dept of Agr (40) 07, 19, 14.
b. 1946; M-0.
BS 1968 OK St Univ, MA 1974, MS 1974 MI St Univ.
Fields: 073, 091, 017.
Prev Emp: Grad Asst, MI St Univ 1972-75; Peace Corps Volunteer, El Salvador, 1968-70.
Lang: Sp 1-1-1.
Mbr: AEA.
Hon: Alpha Zeta.

DICKHERBER, Harold L., 200 Mumford Hall, Dept of Agr Econ, Univ of MO, Columbia MO 65201; PH 314-882-4627.
Res Asst, Univ of MO (03) 23, 18.
b. 1947 Missouri; M-1.
BA 1969 Maryknoll Coll; MS 1976 Univ of MO
Fields: 118, 014, 073.
Prev Emp: Proj. Dir, U.S. Peace Corps, Manila Philippines 1974; Agr Prog Mgr, Philippines 1971-74.
Lang: Tagalog 3-3-2.

DICKINSON, Thomas E., Dept of Agr Bus, 231 Plumas Hall, Chico CA 95926; PH 916-895-6818.
Assoc Professor, CA St Univ (03) 08.
b. 1943; M-2.
BS 1966, Univ of CA, Davis; PhD 1971 MI St Univ.
Fields: 038, 032, 025, 035.
Prev Emp: Asst Prof/Assoc Agr Div of Env Studies, Univ of CA, Davis 1970-75.
Pub: Socio-Economic Impacts of Rural Land Use Control: A Simulation Study, Jour of Env Sys 1974; Undivided Interests: Implications of a New Approach to Recreational Land Development, Land Economics 1975; Evaluation of Private and Public Economic Impacts Caused by Development, Social Impact Evaluation, John Wiley 1976.

DICKISON, William E., US Air Force, WPAFB, OH 45433; PH 513-257-4935.
Sr Operations Res Anal, U.S. Air Force (26) 07, 18, 19.
b. 1922; M-1.
BS 1946, MS 1946, PhD 1950 MI St Univ.
Fields: 084, 136, 116, 085.

Lang: Gr 2-2-2, Fr 3-3-3.
Mbr: AEA, ORSA, Academy of Mgmt.
Hon: American Men & Women of Science.

DIEMER, Joel A., Dept of Econ, CO St Univ, Fort Collins CO 80523; PH 303-491-6730.
Res Assoc, CO St Univ; (03) 07, 15.
b. 1947; M-0.
BS 1970, MS 1972 IA St Univ, PhD 1975 CO St Univ.
Fields: 026, 021, 035, 036.
Prev Emp: Res Asst, CO St Univ 1972-74.
Pub: The Stability of Urban and Regional Economies, Dissertation 1975.
Lang: Gr 2-3-3.
Mbr: AEA, AI of P, WEA.
Hon: Omicron Delta Epsilon.

DIETRICH, Raymond A., Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-2333.
Assoc Prof, TX A&M Univ (03) 07, 08, 09.
b. 1927; M-0.
BS 1956, MS 1957 TX A&M Univ; PhD 1964 OK St Univ.
Fields: 014, 101, 065, 112.
Prev Emp: Visiting Assoc Prof, TX Tech Univ, Lubbock TX 1967; Agr Econ, MED-USDA, Washington DC 1957-67.
Pub: Interregional Competition in the Cattle Feeding Economy, TX A&M Univ 1971; Costs and Economies of Size in Texas-Oklahoma Cattle Feedlot Operations, TX A&M Univ 1969; The Texas Oklahoma Cattle Feeding Industry, TX A&M Univ 1968.
Lang: Gr 2-3-1.
Mbr: SAEA, WAEA.
Hon: Am Men & Women of Science, Phi Eta Sigma, Alpha Zeta, Phi Kappa Phi.

DIEZPATTER, Eduardo, Apt 10, La Coruna, Spain; PH 353-B Tea La Corun.
Agr Econ, Instituto Nacional de Investigacion Agr (78) 07, 18.
b. 1946; Citz: Spain; M-1.
Ing 1971 Univ Politec, Spain; Lic 1972 Univ Pontif, Spain; MS 1974, MA 1975, PhD 1976 MI St Univ.
Fields: 014, 084, 017, 101.
Pub: Efficient Organization of the Fluid Milk Subsystem of Spain, Dissertation, MI St Univ 1976.
Lang: Spanish; Other: Eng 1-1-1, Fr 1-2-3.
Mbr: AEEA.

DiGIACINTO, R. H., 1014 Hamilton Street, Allentown PA 18101; PH 215-433-3151.
Commodity Spec, Reynolds Securities Inc. (51) 17, 15, 11.
b. 1943; M-1.
BA 1970 Univ of Delaware.
Fields: 016, 094, 133, 156.
Prev Emp: Controller, Allen Clark Inc. Paxinos PA 1973-75, CDR, ODT-34 USAFT, DOD Thailand 1971-73.
Lang: Gr 2-2-2.

DIK, Ibrahim E., Dept of Agr & Res Econ, Bilger Hall, 2545 The Mall, Univ of HI, Honolulu HI 96822; PH 808-948-8865.
Res Asst, Univ of HI (03) 07, 11, 18.
b. 1944 Palestine; Citz: Lebanon; U.
BA 1971, MA 1975 Univ of UT.
Fields: 014, 070, 080, 020.
Prev Emp: Teacher Asst UT St Univ, Logan, 1974, Teacher Asst, Univ of UT, 1972-73; Prod Mgr, UT Daily Chronicle, SLC UT 1968-74.
Pub: A Survey of the Economic Potential for Industrialization in Lebanon, Univ of UT 1975; Economic Potential and Industrial Approaches to the Lebanese Economic Development, Univ of UT 1971.
Lang: Arabic; Other: Fr 1-1-1, Ita 2-3-2.

DIKE, George K., Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-355-2267.
Professor, MI St Univ (03) 09, 08, 07.
b. 1918; M-6.
BS 1941 ND St Univ; MS 1946 Univ of MN; PhD 1961 MI St Univ.
Fields: 018, 017, 014, 073.
Prev Emp: Professor 1960---; Dist Mktg Agent 1955-60 MI St Univ; County Ext Agent ND St Univ 1948-50.
Pub: A Partial Test of Agg Invest in Agr & Some Econ Fluctuations, MI St Univ 1961; Strategies & Recommendations for Nigerian Rural Devl, MI St Univ 1969; Agricultural Market Analysis, MI St Univ 1964.
Lang: Fr 3-0-0.
Mbr: AEA.
Hon: Am Men & Women of Science.

DILLMAN, Buddy L., Dept of Agr Econ, Clemson Univ, Clemson SC 29631; PH 803-656-3374.
Assoc Prof, Clemson Univ (04) 07, 08.
b. 1935 Arkansas; M-2.
BS 1959, MS 1961 Univ of AR; PhD 1967 NC St Univ.
Fields: 035, 038, 065.
Prev Emp: Pt Assoc, The Res Group Inc, Atlanta GA 1967-72; Econ, ERS-USDA, Morgantown WV 1964-66; Lecturer, PT, WV Univ, Morgantown, 1966.
Pub: Use Value Taxation Charleston SC, SC Agr Exp Sta Bull 568, 1974; Migration of Youth from Coastal Plains, SC Agr Exp Sta Bull 555, 1971; Rural Poverty SC Coastal Plains, USDA 1971.
Mbr: RSA, SRSA, SAEA.
Hon: Am Men and Women of Science, Who's Who in South & Southwest, Agr Policy Inst Fellow, NC St Univ 1962-64.

DILLON, John L, Univ of New England, Armidale, NSW 2351 Australia; PH 067-72-2911.
Professor, Univ of New England (03) 08, 07, 02.
b. 1931; Citz: Australia; M-9.
BS 1952, Sydney; PhD 1959 IA St Univ.

Fields: 011, 084, 070.
Prev Emp: Reader, Univ of Adelaide, Australia 1960-65; Visiting Professor, Catholic Univ, Santiago, Chile 1968.
Pub: Decision Analysis in Agricultural Management, IA St Univ Press 1976; Analysis of Response in Crop & Livestock Production, Pergamon Press, Oxford 1976.
Lang: Por 1-3-3, Sp 1-3-3.
Mbr: AAES, Pres 1971, AEA, AIAS.
Hon: Who's Who in Australia, Fellow-Australia Academy of Social Science.

DILTZ, Donald O. Jr., Central Ranch, TP-AM-R1, Soso Myon, Kwesan Gunchung Puk, Korea 31126; PH SOSU-63.
Proj Plan Director, Chungpuk Beef Cattle DVMT Assn (72) 18, 04, 11.
b. 1946; M-1.
AB 1968 Univ of CA; MS 1974 Univ of HI.
Fields: 031, 013, 065, 151.
Prev Emp: Prof DVMT Intern, East-West Center, Honolulu 1974-75; PC Korea.
Pub: Non-Traditional Rural Credit in Korea, MS Dissertation Univ of HI 1974.
Lang: Kor 1-1-1; Jap 2-3-3.
Mbr: AEA, AAS, RAS (Korea Branch)
Hon: Gamma Sigma Delta.

DIPOSUMARTO, Wardojo, Jln Damarsar, No. 1, Jatipadany, Pasarminggu, Jakarta, Indonesia.

DIPPOLD, Lynn W., Slater IA 50244; PH 515-685-2559.
Student (78) 23.
b. 1951; U.
BS 1973; MS 1976 IA St Univ.
Fields: 014, 096, 012, 159.
Prev Emp: Grad Teacher Asst, Grad Res Asst, IA St Univ 1974-76.
Hon: Phi Kappa Phi, Gamma Sigma Delta.

DIRKS, Harlan J., U.S. Embassy, Canberra, Australia, APO San Francisco CA 96404; PH 73-1351 (Australia).
Agr Attache, For Agr Service-USDA (18) 03, 18, 11.
b. 1925; M-2.
BS 1949, MS 1960 SD St Univ; PhD 1963 UM.
Fields: 112, 018, 152, 014
Pub: Cooperative Feedlots, SD St Univ 1960; Vertical Integration in Pork Production, Univ of MN 1963; Japan's Food Supply Strategy, USDA, 1974.
Lang: Sp 1-0-1, Danish 1-0-1.
Mbr: Alpha Zeta, Gamma Sigma Delta.
Hon: Metzgen Award MS Thesis, Award for Outstanding Reporting (FAS).

DITWILER, C.D., Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-1607.
Assoc Prof, WA St Univ (03) 07, 08.
b. 1933; M-3.
BS 1958, MS 1963 Univ of CA, Davis; PhD 1966 Univ of CA, Berkeley.
Fields: 020, 038, 066.
Prev Emp: Staff Econ, Comm Bank, CA 1958-61.
Pub: Water Problems and Property Rights-An Economic Perspective, Natural Res Jour, October 1975; The Substitution of Technology for Nature-The Case of Recreation, AJAE, February 1975; Environmental Perceptions and Policy Misconsceptions, AJAE, August 1973.
Lang: Sp 2-3-3.
Mbr: WAEA, Univ Council on Water Res.
Hon: Phi Kappa Phi.

DIXON, Bruce L., Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-0213.
Grad Student, Univ of CA (03) 23, 07.
b. 1949; U.
BA 1971 Univ of CA, Santa Barbara; MS 1974 Univ of CA, Davis.
Fields: 081, 084, 020.

DIXON, Eldon W., Warren Hall #316, Dept of Agr Econ, Cornell Univ, Ithaca NY 14850; PH 607-256-4534.
Res Asst, Cornell Univ (03) 07, 08, 23.
b. 1945; M-3.
BS 1969 Brigham Young Univ; MS 1971 UT St Univ.
Fields: 014, 081, 084, 050.
Prev Emp: Inst Univ of MD, Heidelburg, Germany 1973-74, Exec Off., US Army, Grissen, Germany 1972-74; Res Asst, UT St Univ, Logan, 1969-71.
Pub: The Impact of Selected Changes in Management of Public Lands on Functional Demand Areas in Utah, UT St Univ 1971; Consumer Preferences for New York Onions, Cornell Univ 1975.

DLAMINI, Elphas M., Central Statistical Office, PO Box 456, Mbabane, Swaziland, South Africa.

DLAMINI, Ephraim V., Mins of Agr, Box 162, Mbabane, Swaziland, South Africa.

DLAMINI, Jane G., PO Box 727, Mbabane, Swaziland, South Africa.

DOAK, Paul D., Dept of Econ & Soc, IA St Univ, Ames IA 50010.

DOAK, Thomas E., 390 Park Avenue, New York NY 06905; PH 212-688-6000.
VP, Buying Division, Lever Bros. Co (51) 12, 10, 15.
b. 1918; M-2.
BS 1941 Univ of MO; PhD 1951 Cornell Univ.
Fields: 159, 016, 112, 081.
Prev Emp: Gen Mgr, Buying Div, Lever Bros. 1962-66; Buying Mgr, Lever Bros. 1957-62; Price Anal &Gen Econ, Longstreet, Abbott & Company, St Louis MO 1951-56.
Lang: Sp 1-3-3, Fr 2-3-3.
Mbr: NIOP, Dir; AF&OA, Dir, Chicago Board of Trade.
Hon: Who's Who in Am, Intl Who's Who Eur.

DOBBINS, Craig L., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Res Asst, OK St Univ, (03) 23, 07.
b. 1950; M-1.
BS 1972, MS 1974 IA St Univ.
Fields: 012, 011, 013.
Prev Emp: Instr, Res Asst, OK St Univ, Stillwater, 1975-76, 1974-75; Instr, IA St Univ 1973-74.
Pub: A Model for Programming Forage Supplies, IA St Univ 1974.
Mbr: SAEA, WAEA, AEA.
Hon: Gamma Sigma Delta.

DOBBS, Thomas L., Islamabad (ID) (A) Dept of State, Washington DC 20520.
Agr Econ, USAID (24) 18.
b. 1943 California; M-3.
BS 1965 SD St Univ; PhD 1969 Univ of MD.
Fields: 070, 020, 030, 040
Prev Emp: Asst Prof, Univ of WY, 1969-74; Instr, Univ of MD, College Park 1968.
Pub: Analyzing Reimbursement Mechanics for Res Devl Projects, Water Res Research 1974; Manpower Location Aspects of Energy Res Development, Annals of Reg Science 1974; Incentives to Invest in Agr Inputs in North India, EDCC 1972.
Lang: Sp 3-0-0.
Mbr: AEA, IAAE, WRSA.

DOBSON, William D., Agr Econ, Univ of WI, Madison WI 53706; PH 608-262-3653.
Assoc Prof, Univ of WI, Madison (03) 07, 08, 09.
b. 1937; M-2.
BS 1959, WI St College, River Falls; MS 1961 IA St Univ; PhD 1969 Purdue Univ.
Fields: 014, 013, 018, 094.
Prev Emp: Mktg Spec, USDA, 1966-69, W. Lafayette IN; 1962-66 Washington DC, 1961-62 Indianapolis IN.
Pub: Alternative Financing Strategies for Farm Supply Cooperatives, AJAE 1976; Accuracy of USDA Crop Forecasts, AJAE 1972; A Model for Evaluating Changes in Federal Milk Order Pricing Policies, AJAE 1970.
Mbr: IMS.
Hon: Am Men & Women of Science, Who's Who in Midwest, Pub Res Award AAEA 1972, Fulbright-Hays Award 1974, Exc in Teach Award, Gamma Sigma Delta.

DODDS, John P., School of Business, CA St Univ, Fresno CA 93740; PH 209-487-2546.
Professor, CA St Univ, Fresno (03) 08, 10, 22.
b. 1917; M-2.
BS 1939, MS 1940, PhD 1951 IA St Univ.
Fields: 094.
Prev Emp: Treas, IA St Univ, Ames, 1958-64; Comptroller SD St Univ, Brookings, 1954-58; Sales Analyst, Meredith Publco Des Moines IA 1951-53.
Pub: How Iowa Farmers Get and Use Market News, IA Agr Exp Sta 1952.
Mbr: AIDS, WAEA.

DOEKSEN, Gerald A., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Econ, EDD-ERS-USDA, (16) 07, 08.
b. 1943; M-2.
BS 1965 SD St Univ; MS 1967, PhD 1971 OK St Univ.
Fields: 031, 035, 032, 075.
Prev Emp: Stat, USDA SRS, Sioux Falls SD 1965; Res Assoc OK St Univ, Stillwater 1965-68.
Pub: Simulating Short, Intermediate and Long-Run Effects of Private Investment Jour of Reg Sci, 1972; Consequences of Decline and Community Economic Adjustments, 1974; Rural Ambulance Service in the Great Plains, Agr Econ Rep 308 USDA 1975.
Mbr: SAA Editor of Jour 1972-74, RSA.
Hon: AAEA MS Thesis Award, AAEA PhD Thesis Award.

DOERING, Otto C., III, Agr Econ Dept, Purdue Univ, Lafayette IN 47907; PH 317-493-2180.
Assoc Prof, Purdue Univ (03) 07, 09, 08.
b. 1940; M-2.
BA 1963 Cornell Univ; MS 1965 London School of Econ & Pol. Sci; PhD 1973 Cornell Univ.
Fields: 020, 017, 066, 016.
Prev Emp: Instr, Cornell Univ 1971-72; Training Assoc, Ford Foundation, Malaysia 1965-67.
Pub: Voluntarism & Price Response; Consumer Reaction to the Energy Shortage, The Bell Jour 1976; Energy Policy Issues for Agriculture, Increas Understanding of Public Problems & Policies 1975.
Lang: Gr 2-3-3, Indo 3-3-3.
Mbr: BRC, AAS, AEA.
Hon: Intl Who's Who in Asian Studies, Phi Kappa Phi.

DOGANCIOGLU, Erdogan, Tarim Bakanlig, Planlama, Arastirma Koordinasyon, Genel Mudurlugu, Necatibey, No 98/6 Ankara, Turkey.

DOKA, Yahaya, Planning Unit Mins of Animal Res, PO Box 7141, Kampala, Uganda.

DOLL, John P., Dept of Econ, 217 Middlebush Hall, Univ of Missouri, Columbia MO 65201; PH 314-882-4776.
Professor, Univ of MO (03) 02, 08, 07.
b. 1931; M-6.
BS 1953, MS 1955 MO St Univ; PhD 1958 IA St Univ.
Fields: 081, 062, 011.

DOLL, Raymond J., Federal Reserve Bank of Kansas, Kansas City MO 64198; PH 816-881-2687.
Sr VP & Dir of Research, Federal Reserve Bank of KS, Kansas City MO (33) 06, 15, 07.
b. 1912; M-4.
BS 1935, MS 1938 KS St Univ; PhD 1948 Univ of MN
Fields: 130, 013.
Prev Emp: Instr, KS St Univ, Manhattan KS 1936-40; Instr, Univ of MN 1941-42; Prof, KS St Univ 1945-51.
Pub: Some Implications of Monetary Policy on Agriculture, JFE 1958; Developments in Credit for Commercial Agriculture, JFE 1963; International Trade and American Agriculture, Fed. Reserve Bank of KC 1970.
Lang: Gr 2-3-2.
Mbr: KS St Alumni Assoc, Pres. 1971.
Hon: Who's Who in America, American Men & Women of Science, Dict of Intl Biography, Distinguished Alumni Award & Distinguished Service Award, KS St Univ.

DOMIKE, Arthur L., 1776 F Street NW, Washington DC 20006.
Sr Econ, FAO-UN (63) 07, 18, 22.
b. 1926 California; M-3.
BA 1948 Univ of CA, Los Angeles; MS 1953; PhD 1961 Univ of WI.
Fields: 101, 014, 022, 017.
Prev Emp: Econ, USDA, Washington DC 1961-62; Assoc Prof, Univ of RI, 1955-61; Coop Agt, Univ of MN, St Paul 1953-55.
Pub: Politics of Land Reform, Latin Am Review of Books, 1973; Agrarian Structure in Latin Am Countries, Land Economics, 1966; Studies on Financing of Land Reform in LA, FAO-UN (Rome) 1973.
Lang: Sp 1-1-1, Fr 2-3-2.
Mbr: AEA, AAAS, Natl Econ Club.
Hon: Am Men & Women of Science, Who's Who in Southeast.

DOMMEN, Arthur J., 814 Thayer Avenue, Silver Spring MD 20910; PH 301-565-3132.
Sr Econ, Intech, Inc (51) 22, 07, 18.
b. 1934 Mexico; Citz: USA; U.
BS 1955, Cornell Univ; PhD 1975 Univ of MD.
Fields: 011, 073, 118, 154.
Prev Emp: Bureau Chief, LA Times, Saigon 1969-71; Correspondent LA Times, Paris 1968-69; Bureau Chief, LA Times, New Delhi 1966-68.
Pub: The Bamboo Tubewell: A note on an Example of Indigenous Technology, Econ Devl and Cultural Change, Chicago 1975.
Lang: Fr 1-1-1, Sp 1-1-1.
Mbr: IAAE, AAS, SASA (Australia).
Hon: Who's Who in America, Press Fellow, Council on Foreign Relations, New York 1963-64.

DONALD, Gordon, Natl Planning Assoc, Development Digest, 1606 New Hampshire Avenue NW, Washington DC 20009.

DONALD, James R., 500 12th Street SW, USDA-ERS-NEAD, Washington DC 20250; PH 202-447-8821.
Deputy Director, USDA-ERS-NEAD (16) 06, 07, 15.
b. 1933; M-2.
BS 1954 Univ of GA, MS 1957 NC St Univ.
Fields: 014, 018, 015, 016.
Prev Emp: Acting Director, USDA-ERS-ESAD, Washington DC 1972-73; Acting Chief, USDA-ERS-ESAD-CAB, Washington DC 1969-72; Head, USDA-ERS-ESAD-CAB-COFS, Washington DC 1961-69.
Pub: The Food and Fiber System-How it Works, USDA ERS AIB-383, 1975.
Lang: Sp 3-3-0.
Mbr: Alpha Zeta.
Hon: Who's Who in South & Southwest, USDA Superior Service Award.

DONALDSON, Graham F., 1818 H Street NW, Washington DC 20433; PH 202-477-3696.
World Bank (66) 18, 07, 22.
b. 1937; Citz: Australia; M-2.
BS 1959 Univ of Sydney; PhD 1970 Univ of London.
Fields: 073, 105, 017, 013.
Prev Emp: Econ Res Officer, NSW Dept of Agr 1960-64; Lecturer, Univ of London, 1965-70; Sr Res Officer, Royal Comm. Farm Machinery, Canada, 1968.
Pub: Allowing for Weather Risk, AJAE, 1968; Agricultural Adjustment and Technology Changes, AJAE, 1973; Financing of Agricultural Research, 1964.
Mbr: AIAS, Sub-Br. Chmn, 1963, IAAE, AAES.

DONG, Doan Ngoc, 7 Bis Ben Chuong Duang, Agr Devl Bank, Box N 10, Saigon, Vietnam.

DONKOR, Fred, Sir John Carling Bldg, Ottawa, Ontario, Canada K1A 0C5; PH 613-994-5570.
Economist, Econ. Branch, Agriculture Canada (26) 18, 07, 19.
b. 1943; Citz: Ghana; M-2.
BS 1967, Univ of Ghana; MS 1971, Univ of Guelph.
Fields: 017, 073, 014, 081.
Prev Emp: Econ, CanFarm Data System, Guelph, Canada 1972-75; Operations Officer, CanFarm Data System, Guelph, 1970-72; Tutor, Okuapeman Sec School, Akuapem, Ghana 1966-67.
Lang: Akan; Other: Eng 1-1-1, Fr 1-2-3.
Mbr: CAES.

DONOVAN, Walter Grame, 4200 Cathedral Avenue, Apt 808, Washington DC 20016.

DORAN, James E., PO Box 1243, Albon WA 99102.

DORNER, Peter, Dept of Agr Econ, Univ of WI, 350 Agr Hall, Madison WI 53706; PH 608-262-3653.
Professor, Univ of WI (03) 07, 08, 02.
b. 1925; M-5.
BS 1951 Univ of WI; MS 1953 Univ of TN; PhD 1959 Harvard Univ.
Fields: 022, 073, 017, 012.
Prev Emp: Prof & Chmn, Dept of Agr Econ, Univ of WI, Madison 1972-76; Prof & Dir, Land Tenure Center, Univ of WI 1965-71; Sr Econ, Pres Council of Econ Adv., Washington DC 1967-68.
Pub: Land Reform in Latin America: Issues and Cases, Land Econ Monograph #3 Univ of Luis, 1971; Land Reform and Economic Development, Penguin Econ Texts, 1972; Needed Redirections in Economic Analysis for Agricultural Development Policy, AJAE 1971.
Lang: Sp 1-2-2, Gr 3-3-2.
Mbr: AEA, AEE, AA of Univ Prof.
Hon: Who's Who in America, American Men & Women of Science.

DOROW, Norbert A., Morril Hall, Dept of Agr Econ, ND St Univ, Fargo ND 58102.
Professor, ND St Univ (03) 09, 02.
b. 1921; M-4.
BS 1948 IA St Univ; MS 1958, PhD 1962, Univ of MN.
Fields: 017, 031, 032.
Prev Emp: Res Assoc, Univ of MN, St Paul 1956-60; County Ext Agent, IA St Univ, Thompson IA 1949-56.
Lang: Sp 3-0-0.

DORR, Paul R., 212 Georgia Avenue NW, Orange City IA 51041.

DOSTER, Daniel H., Dept of Agr Econ, Purdue Univ, W Lafayette IN 47907; PH 317-494-4138.
Assoc Prof, Purdue Univ (03) 09, 20, 08.
b. 1933; M-4.
BS 1955, MS 1959, PhD 1968 OH St Univ.
Fields: 012, 011, 018.
Prev Emp: Instr, OH St Univ 1962-68; Farm Mgr, Opekisit Inc, London OH 1959-62.
Pub: Farm and Ranch Accounting Encyclopedia, Prentice-Hall 1976.
Lang: Fr 3-3-3.

DOTY, Harry O. Jr., USDA-ERS-CED Oil Crops, Washington DC 20024; PH 202-447-7340.
Agr Econ, USDA (16) 07.
b. 1923; M-2.
BS 1947, MS 1949 Univ of IL.
Fields: 014, 016, 105, 015.
Prev Emp: Agr Econ-Res, USDA-ERS, Washington DC 1955-73.
Pub: Decision Making in the Oilseed Processing Industry, USDA-ERS 598, 1975 Distribution of the Food Dollar by Marketing Function and Expenses Item-Vegetable Oil Products, USDA-ERS 587, 1974; Potential for Oilseed Sunflowers in the United States, USDA-AER 237, 1973.
Lang: GR 0-0-3.
Hon: Dir of Agr Econ, USDA 1969; Asst to the Sec., USDA 1953, Under-Sec., USDA 1952.

DOUTT, Jeffrey T., Dept of Management, CA State College, Sonoma Rohnert Park CA 94928; PH 707-664-2377.
Asst Professor, CA St College, Sonoma (03) 08.
b. 1947; D.
BS 1968, MS 1970 Univ of CA, Berkeley.
Fields: 095, 053, 015, 100.
Prev Emp: Lecturer, School of Business, San Francisco St Univ 1974; Assoc, School of Business, Univ of CA, Berkele 1974; Postgrad Res Econ, Univ of CA, Berkeley, 1973.
Lang: Fr 1-3-2, Sp 3-3-3.
Mbr: AEA, AMA, AAPSS.
Hon: Phi Beta Kappa, Giannini Foundation of Agr Econ Fellowship.

DOW, J.K., Food & Res Econ, Univ of FL, Gainesville FL 32611; PH 904-392-1881.
Assoc Professor, Univ of Florida (03) 07, 22, 02.
b. 1936; M-2.
BS 1961 Univ of IL; MS 1966, PhD 1969 Univ of MO.
Fields: 111, 073, 011, 114.
Prev Emp: Mkt Econ, Deere & Co, Moline IL 1967-68; Cons., Ford Found, Columbia MO 1966; Res Assoc, Univ of MO, Columbi 1964-67.

Pub: Benchmark Livestock Study, INIAP, Ecuador, 1975; Foreign Trade & Economic Integration, Univ of FL Press 1970; Mechanical Harvesting & Demand for Labor, Univ of FL 1969.
Lang: Spanish; Other: Eng 1-1-1, Arabic 3-3-1.
Mbr: AEA, IAAE, EAAE, Editor.
Hon: Who's Who in America, NDEA Fellow, American Men & Women of Science, Omicron Delta Epsilon, Gamma Sigma Delta.

DOWNEN, M. L., PO Box 1071, Knoxville TN 37901; PH 615-974-7112.
Asst Dean, Agr Extension Service, Univ of TN (03) 01.

DOWNEY, W. D., Krannert Bldg, Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-493-3596.
Assoc Professor, Purdue Univ (03) 08, 09.
b. 1939; M-3.
BS 1961 Purdue Univ; MS 1963 OSU & Purdue Univ, PhD 1967 Purdue Univ.
Fields: 014, 095.
Pub: Customer Services and Promotions in Supermarkets, Purdue Univ 1967; Purchasing Behavior of Farm Supply Cooperative Members, Purdue Univ 1963; Marketing Agricultural Products, MacMillan Company 1972.

DOWNS, Charles E., 4704 S. LaRosa, Tempe AZ 85282.

DOYLE, Jack E., PO Box 7305, Kansas City MO 64116; PH 816-459-6206.
Mgr, Mkt Res, Farmland Ind (52) 15.
b. 1948; M-2.
BS 1970 LA Tech Univ; MS 1972 TX A&M Univ.
Fields: 014, 080.
Pub: An Analysis of Financial Structure of Grain Marketing Cooperatives-TX High Plains, TX Exp Station 1972.
Mbr: AMA.

DOYLE, Michael T., 331 H C Filley Hall, Dept of Agr Econ, Univ of Nebraska, Lincoln NE 68503; PH 402-472-3401.
Res Asst, Univ of NE (03) 23, 07.
b. 1944; M-0.
BS 1967 IA St Univ; MS 1974 Univ of NE.
Fields: 014, 011.
Pub: A Description of Selected Marketing and Operational Characteristics of the Nebraska and Kansas Beef Cow-Calf Industry, Dept of Agr Econ Rpt #64, 1975; Cow-Calf Management in the 1970's, Farm, Ranch & Home Quarterly 1975.
Mbr: Gamma Sigma Delta, Omicron Delta Epsilon.

DRAGUN, Andrew K., 1450 Linden Drive, Madison WI 53706; PH 608-262-3653.
Res Asst, Univ of WI (03) 24, 07.
b. 1950 Australia; Citz: Australia; M-1.
BA 1972 Univ of Queensland; 1975 NM St Univ.
Fields: 020, 066, 064, 156.
Prev Emp: Agr Econ, Queensland Dept of Primary Ind, Brisbane, Australia, 1972-74.
Pub: Wool Futures and the Primary Producer, Qld DPI, 1974; Evaluation of Selected Policy Alternatives for Preserving Prime Agricultural Land in Rural Urban Fringe Areas, NM St Univ Exp Sta 1976.
Mbr: AEA, Australian Agr Econ Assn, Taylor-Hibbard Club.

DRAKE, Albert E., Box J, Univ of AL, University AL 35486; PH 205-348-6085.
Professor, Univ of Alabama (03) 08, 07, 22.
b. 1927 Kentucky; M-4.
BS 1950, MS 1951 Univ of KY; PhD 1958 Univ of IL.
Fields: 081, 083, 084, 016.
Prev Emp: Dir of Computer Center, WV Univ, Morgantown 1963-65; Assoc Prof/Prof., Auburn Univ 1959-63.
Pub: A Computer Based Management Information System for a Multi-Plant Operation, Am Prod & Inventory Mgmt Jour, 1974; A Strategy for Integrating Quantitative Techniques Into the Business Curriculum, Decision Sciences Journal 1974; Econometric Analysis of the Demand and Supply Relationships for Lard at the Retail Level, PhD Dissertation, Univ of IL 1958.
Mbr: ASA, Pres. AL Chpt 1971-72; AIDS, Sec. 1973-74, Biometric Soc.
Hon: Gamma Sigma Delta, Beta Gamma Sigma, Pi Mu Epsilon, Alph Iot Delta, Chi Alpha Phi, Am Men & Women of Sci, Who's Who in the SE, Who's Who in Am Education.

DRAKE, Gary G., PO Box 160, Gering NE 69341; PH 308-436-5051.
Mktg & Econ Res Anal, Lockwood Corp (51) 15, 07.
b. 1950 Texas; M-2.
BS 1972, MS 1973 TX A&M Univ.
Fields: 075, 095.
Prev Emp: Adm Anal, Continental Oil Co, Salt Lake City, 1975; 2nd Lt, USAF, 1974; Devl Super, Phytox Corp, College Station TX 1972-74.

DRISCOLL, James L., Grains & Feeds, CED-ERS-USDA, 240 GHI Bldg, Washington DC 20250; PH 202-447-8636.
Agr Econ, ERS-USDA (16) 07, 19.
b. 1941 Montana; M-2.
BS 1964 MT St Univ; MS 1966, PhD 1969 OK St Univ.
Fields: 014, 017, 018, 016.
Prev Emp: Asst Prof, Univ of NE, Bogata Colombia 1968-71; Res Fellow, OK St Univ, Stillwater, 1964-68.
Pub: Structural Changes in the Oklahoma & Texas Grain Marketing Industries, 1959-64, OK St Univ 1967; Analysis of Expected Returns to Oklahoma Grain Elevators from Alternative Hedged Wheat Storage Practices, OK St Univ 1970; Coping with Trade Induced Instability: Some Alternative Approaches, Great Plains Agricultural Council 1975.
Lang: Sp 1-2-1.
Mbr: AEA.
Hon: Phi Kappa Phi.

DRIVER, Herbert C., School of Agr, Ext & Econ, Univ of Guelph, Guelph, Ontario, Canada N1G 2W1; PH 519-824-4120.
Assoc Prof, Univ of Guelph (03) 07, 08, 09.
b. 1931 Canada; Citz: Canada; M-1.
BSA 1959, MS 1961 Univ of Manitoba; PhD 1969 IA St Univ.
Fields: 011, 012.
Prev Emp: Agr Ext Econ, Manitoba Dept of Agr, Winnipeg 1961-70; Asst Agr Rep, Manitoba Dept of Agr, Winnipeg, 1959.
Pub: Organizational Responses to Uncertainty, CJAE 1976.
Mbr: CAES, AIC-OIA.

DROGE, John H., Off of Plng & Studies, Water Planning Div, 401 M Street SW, Washington DC 20460; PH 202-426-2522.
Econ GS-14, U.S. Env. Protection Agency (31) 18, 27.
b. 1928 Kansas; M-3.
BS 1953 KS St Univ; MS 1959 NC St Univ; PhD 1968 Univ of WI; Certificate 1973 Univ of WA.
Fields: 014, 036, 026, 124.
Prev Emp: Agr Econ, USDA-ERS, Washington DC 1962-71; Res Asst, NC St Univ & Univ of WI, 1956-58 & 1959-61; Land Bank Appraiser, Fed Land Bank, KS, 1953-56.
Pub: Prediction Analysis of U.S. & Wisconsin Wholesale Prices of Canned... Beans, Corn & Peas, 1948-68 UofWI 1973; Radiation Pasteurization: It's Feasibility for Fresh Strawberries and Other Produce, 1966 United Fresh Fruit & Vegetable Yearbook, 1966.
Lang: Sp 3-0-0, Fr 3-0-0.
Mbr: NEC; AFGE.
Hon: Alpha Zeta.

DROSDOFF, Matthew, 1008 Bradfield, Cornell Univ, Ithaca NY 14853.

DRUMMOND, H. Evan, Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211
Assoc Prof, OK St Univ (03) 07, 08.
b. 1943 Utah; M-1.
BA 1965 Univ of NM; MS 1967, PhD 1972 Purdue Univ.
Fields: 030, 070,020, 110.
Prev Emp: Asst Prof, Univ of GA, Athens 1973.
Pub: Income Risk in Agriculture, Intl Jour of Agr Affairs 1973; Incidence of Property Taxes, SJAE 1975; Impact of Property Tax Equalization, SJAE 1975.
Lang: Por 1-1-1, Sp 1-2-2.
Mbr: SAEA, WAEA.

D'SILVA, Brian, Dept of Economics, IA St Univ, Ames IA 50010.

DUARTE, Arthur C., Agr Mgmt Dept, CA Polytechnic St Univ, San Luis Obispo CA 93406; PH 805-546-2047.
Assoc Prof, CA Polytechnic St Univ (03) 08, 10.
b. 1940 California; M-1.
BS 1964 CA Polytechnic College; MS 1965 OR St Univ; PhD 1975 WA St Univ.
Fields: 012, 096, 017, 076.
Prev Emp: Grad Res Asst, WA St Univ, Pullman, 1972-73.
Pub: The Economic Base Ration as a Tool of Analysis for Selected Cities and Counties in Washington, University Microfilms, 1975.
Lang: Sp 3-0-3.
Mbr: WAEA, ASFM&RA, CA SFM&RA.

DUDEK, Daniel J., ERS-NRED, Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-758-2200.
Agr Econ, ERS-NRED-USDA (16) 23, 15, 19.
b. 1947 Massachusetts; M-0.
BS 1973 Univ of MA; MS 1974 Univ of CA, Davis.
Fields: 020, 084, 075, 017.
Prev Emp: Res Asst, Univ of CA, Davis 1973-75.
Pub: A Vertically Integrated Projections System for Agricultural Land Use Planning, Proceedings WAEA 1976.
Mbr: WAEA.
Hon: Phi Kappa Phi, Alpha Zeta.

DUEWER, Lawrence A., USDA-ERS-CED, 500 12th Street SW, Washington DC 20250; PH 202-447-2751.
Agr Econ, ERS-CED-USDA (16) 07.
b. 1938 Illinois; M-2.
BS 1960, MS 1962 Univ of IL; PhD 1965 IA St Univ.
Fields: 014, 015, 050, 016.

Prev Emp: Res Assoc, IA St Univ, Ames, 1964-65.
Pub: Price-Quantity Relationships for Selected Retail Cuts of Pork, USDA-AER 245, 1973; Symposium: Vertical Coordination in the Park Industry, AVI Publishing Co, Westport CT 1972; Effects of Alternative Marketing Margins for Beef and Pork, USDA-AER 243, 1973.
Mbr: IAEA, AEA, SAEA.
Hon: Who's Who in the South, Intl Scholars, Am Men & Women of Science, The World's Who's Who of Authors.

DUFF, Jack B., Intl Rice Res Inst, PO Box 933, Manila, Philippines.
Assoc Agr Econ, Intl Rice Res Inst (70) 07, 22, 09.
b. 1940 Oregon; D-1.
BS 1962, MA 1966 WA St Univ; MA 1968 Stanford Univ.
Fields: 011, 105, 153, 077.
Prev Emp: Agr Econ, USDA, Pullman WA 1966-67; Peace Corps Leader, Peace Corps, Pakistan 1962-64; Res Asst, WA St Univ, 1960-62.
Pub: Marketing Surplus Functions for Rice, AJAE 1975; Impact of Improve Rice Tech on Employment, Jour Rev & Malayan Econ Jour 1973 & 1974; Output, Employment and Mechanization in Philippine Agriculture, FAO Book 1975.
Lang: Punjabi 0-0-2, Sp 3-0-0.
Mbr: WAEA, ASAE, AEA.

DUFFY, Thomas, Room 1800 Board of Trade Bldg, Chicago IL 60604; PH 312-786-0800.
Asst Vice Pres, Conti-Commodity Services Inc. (51) 05, 11.
b. 1937 Illinois; M-4.
BS 1963 Univ of IL.
Fields: 011, 014.
Prev Emp: Buyer, Lahoff Grain Co., Danville IL 1971-74; Mngr/ Merchandizer, Continental Grain Co, New York 1963-71.

DUFT, Kenneth D., PO Box 17389, Denver CO 80217; PH 303-773-6404.
Econ, Central Bank for Coops (52) 17, 15, 19.
b. 1941 Illinois; M-2.
BS 1963 So. IL Univ; MS 1964 MI St Univ; PhD 1967 Univ of CA, Davis; Post Doc. 1967, London School of Economics.
Fields: 132, 093, 094, 095.
Prev Emp: Assoc Prof, WA St Univ, Pullman 1967-75; Res Assoc, Ministry of Agr, Fisheries, Food, London 1966-67.
Pub: Forecasts of Retail Food Sales, Michigan, MI St Univ 1964; Retail Food Marketing in Great Britain, Univ of CA, Davis 1967.
Lang: Sp 3-0-3, Fr 3-0-3.
Mbr: WAEA, AMA
Hon: AAEA & WAEA Award for Outstanding Ext Prog - 1970.

DUMSDAY, Robert G., School of Agr, Latrobe Univ, Bundoora, Australia 3083; PH 479-2191.
Lecturer, Latrobe University (03) 07, 08, 02.
b. 1944 Australia; Citz: Australia; M-3.
BAS 1966 Melbourne Univ; PhD 1974 New England Univ.
Fields: 026, 011, 012, 073.
Prev Emp: Visiting Scientist, IITA, Nigeria, 1975-76; Teaching Fellow, Univ of New England, 1968-70.
Pub: Evaluation of Soil Conservation Policies by Systems Analysis, Wiley, New York 1971.
Mbr: Australia AES, AUSIAS, ESA&NZ.

DUNBAR, John, Agr Adm Bldg, Purdue Univ, Lafayette IN 47907; PH 317-749-6006.
Assoc Director, Ext & Res, Purdue Univ (03) 02, 18.
b. 1920 Indiana; M-2.
BS 1942, MS 1948, PhD 1954 Purdue Univ.
Fields: 017, 031, 012, 014.
Prev Emp: Assoc Dir, Coop Ext, Purdue Univ, 1966-74, Ext Econ, Purdue, 1947-66.
Pub: Extension Education for a Growing Agriculture, Purdue Univ, ECOP, 1974; The Bedrock of Community Development, Jour of CD Soc, 1972; Public Affairs Education, Univ of Kentucky, ECOP, 1970.
Mbr: CDS, Pres. 1972-73.
Hon: Am Men & Women of Science, USDA Group Superior Service Award, Purdue ROTC Hall of Fame, Post Pres., Purdue Alumni Assoc.

DUNCAN, Marvin R., Fed Reserve Bank, Kansas City MO 64198; PH 816-881-2687.
Agr Econ, Fed Reserve Bank (36) 07, 09, 15.
b. 1935 North Dakota; M-3.
BS 1957, MS 1972 ND St Univ; PhD 1975 IA St Univ.
Fields: 013, 017, 020, 030.
Prev Emp: Res Assoc, Center for Agr & Rur Devl, IA St Univ 1972-75; Res Asst, ND St Univ, 1971-72; Mgr & Part Owner, Grain & Livestock Farm & Agr Supply, Calvin ND 1957-71.
Pub: International Trade and American Agriculture, Fed Reserve Bank of KC 1976; A Programming Model for Analysis of Non Metro Hospital Services, IA St Univ 1975; Multivariate Statistical Analysis, OK St Univ 1972.
Hon: Phi Kappa Phi, Alpha Zeta.

DUNFORD, Richard W., 301 Agr Hall, Univ of WI, Madison WI 53706; PH 608-262-3653.
Grad Student, Univ of WI, Madison (03) 23.
b. 1949 Missouri; M-0.
BA 1971 Univ of Missouri; MA 1975 Univ of WI, Madison.
Fields: 020.
Prev Emp: Proj Spec, Univ of WI, 18 months.
Pub: Agr, Urban & Recreational Factors Affecting Farmland Values in Wisconsin, WI Agr Exp Sta Bull 1976; Wisconsin Natural Resources Policy Issues, Univ of WI 1973.
Mbr: AEA.
Hon: Ford Fellowship, Teaching Assistantship, Res. Asst.

DUNN, James W., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Grad Res Asst, OK St Univ (03) 23.
b. 1950 South Dakota; U.
BS 1972; MS 1974 SD St Univ.
Fields: 081, 042, 084, 020.
Prev Emp: Grad Res Asst, SD St Univ, Brookings 1972-74.
Hon: Phi Kappa Phi, Gamma Sigma Delta.

DUNN, Terry Lee, 8900 Manchester Road, St Louis MO 63144; PH 314-968-1000.
Econ, Doane Agr Serv Inc (51) 15, 07.
b. 1944 Oklahoma; M-1.
BS 1967, MS 1970 OK St Univ.
Fields: 016, 018, 014.
Prev Emp: Ext Econ, W. Livestock Mktg, Information Proj, Denver CO 1969-72.

DUVICK, Richard D., Dept of Agr Econ & Rural Soc, 2120 Fyffe Road, OH St Univ, Columbus OH 43210.

DUYEN, Tran H., 58 Nguyen Binh Kniem, Saigon, Vietnam.

DUYMOVIC, Andrew, ERS-CED-USDA, Washington DC 20250; PH 202-447-8070.
Agr Econ, USDA (16) 07, 15.
b. 1914 New York; M-3.
BS 1962 Cornell Univ; MS 1967, PhD 1970 Univ of CT.
Fields: 018, 014, 080.
Prev Emp: Asst Prof, Lectr, George Washington Univ, Washington DC 1971 --; Agr Econ, MED-ERS-USDA, Washington DC 1970-73; Instr, Central Conn St College, New Britain CT 1969-70.
Pub: Economic Effects of Intersectoral Income Transfers, SJAE 1972; Effects of Alternative Beef Import Policies USDA, 1972; Pooltry Marketing System of South Vietnam, USDA 1972.
Lang: Serbo Croation 1-0-2, Ger 2-0-3.
Mbr: AEA; NAEC.
Hon: Am Men & Women of Science; Gamma Sigma Delta.

DVOSKIN, Dan, Dept of kcon, IA St Univ, Ames IA 50011; PH 515-294-1183.
Res Econ, IA St Univ (03) 07.
b. 1941 Israel; Citz: Israel; M-2.
BS 1972 CA St Univ; PhD 1976 IA St Univ.
Fields: 081, 020, 082, 084.
Pub: U.S. Agr Export Capabilities, IA St Univ 1975; Energy Use for Irrigation, IA St Univ 1975; National Model of Energy Use in Agr, IA St Univ 1976.
Lang: Hebrew; Other: Eng 1-1-1.
Mbr: AEA.
Hon: Alpha Sigma Epsilon; Gamma Sigma Delta; Phi Kappa Phi.

DWOSKIN, Phillip B., 500 12th Street SW, USDA-ERS, Rm 190, Washington DC 20250; PH 202-447-4449.
GS 14 Agr Econ, USDA-ERS (16) 07.
b. Wisconsin; M-3.
BS 1942 Univ of WI; MS 1957 Univ of MD.
Fields: 014, 015, 111.
Pub: Japan's Fast Food Industry, FAS, USDA 1975; Fast Food Franchises, ERS 596 USDA 1974.
Hon: Certifiecate of Merit, 1957 & 1975; Annual Award in Mktg, AMA 1957.

DWYER, John F., 1103 West Healey, Champaign IL 61820.

DYCK, D., 785 Halstead Street, Ottawa, Ontario, Canada K1G 1M5.

DYER, David R., EAS-OA, Food & Nutrition Service, USDA, 500 12th Street SW, Washington DC 20250.

DYKE, Paul T., 404 GHI Bldg, 500 12th Street, Washington DC 20250; PH 202-447-8111.
Agr Econ, USDA-ERS Nat Res Econ (16) 07, 15, 18.
b. 1941 Oklahoma; M-0.
1959-61 OK Baptist Univ; BS 1963, MS 1966 OK St Univ; PhD 1976 OR st Univ.
Fields: 020, 071, 033, 081.
Prev Emp: Asst Prof, CA St Univ, Chico, 1966-69, 1972-74; Grad Student, OR St Univ, Corvallis 1969-72, 1975; Instr. Mid-W Univ, TX, 1965-66.

EAGAN, Gerald V., Room 2024, Agr Sci Bldg, WV Univ, Morgantown WV 26506; PH 304-293-2439.
Ext Spec, Center for Ext & Cont Educ, WV Univ, (02) 09.
b. 1931 North Dakota; D-1.
BS 1952 Univ of MN; MS 1966, PhD 1972 Univ of TN.
Fields: 012, 018, 017, 014.
Prev Emp: Res Asst, Univ of TN, Knoxville TN 1966-72; Asst Co Agent, Univ of TN, Pikeville TN 1955-64.
Pub: Analysis of 1976 Property Tax Potential for Counties in TN, Univ of TN 1972; Min. Land Req for Spec. Farm Income Levels, Univ of TN 1966.
Lang: Sp 3-3-3.
Mbr: SEA, SAEA, NACA.

EARLY, John O., Agr Sci Bldg, Univ of ID, Moscow ID 83843; PH 208-885-6335.
Ext Econ & Assoc Prof, Univ of ID (03) 09, 07, 08.
b. 1925, Ohio; M-1.
BS 1950 OH St Univ; MS 1956 CO St Univ; PhD 1971, OH St Univ.
Fields: 014, 016, 018, 013.
Prev Emp: Tech Adv. OH St Univ, Columbus & San Paulo, Brazil, 1965-68; Commodity Anal, Swift & Company, Chicago, 1962-65; Prod Devl Spec, Rath Packing Co, Waterloo IA 1956-61.
Pub: An Econ Anal of Agr-Business Credit Sources & User, Brazil & OH St Univ 1971; Numerous Extension and Research Papers in Outlook and Marketing, Univ of ID 1971-75.
Lang: Por 2-3-2.
Mbr: WAEA, AEC.
Hon: Gamma Sigma Delta, Alpha Zeta, Epsilon Sigma Phi.

EASTER, K. William, 317-G, COB, Univ of MN, St Paul MN 55108; PH 612-376-3800.
Professor, Univ of MN (03) 07, 08.
b. 1937 California; M-3.
BS 1960, MS 1961 Univ of CA, Davis; PhD 1966 MI St Univ.
Fields: 021, 031, 037, 026.
Prev Emp: Assoc Prof, Univ of MN, St Paul 1970-75; Econ, Bureau of the Budget, Washington DC 1966-69; Agr Econ, ERS-SUDA, E Lansing MI 1964-66.
Pub: Interbasin Water Transfers (Econ Issues and Impacts) The Johns Hopkins Press, 1971; Field Channels: A Key to Better Indian Irrigation, Water Resources Research 1975; The Importance of Regional Differences in Agricultural Development, Indian Society of Agr Stat, New Delhi, India 1974.
Lang: Sp 3-0-0.
Mbr: AEA, IAAE.

EATON, David, Dogee, Ames 419, Johns Hopkins Univ, Baltimore MD 21218.

ECKER, George A., Dept of Agr Econ & Rural Soc, Univ of CT, Storrs CT 06268; PH 203-486-2838.
Ext Econ, Univ of CT (03) 09, 08.
b. 1921 Connecticut; M-2.
BS 1943, MS 1948 Univ of CT; PhD 1974 NC St Univ.
Fields: 012, 013, 011.
Pub: Optimal Replacement Pattern of Standard Apple Trees with Dwarfs, NC St Univ 1974; Farm Business Contracts & Oper Agreements, Univ of CT, 1961; Estate Planning, Univ of CT 1975.
Lang: Fr 3-0-0.
Mbr: WAEA.
Hon: Gamma Sigma Delta, Epsilon Sigma Phi, Sec-Tr 1968-70, Pres 1970-71, Env Directory for Agr Sci, Hood Foundation Fellow.

ECKERMAN, Donald E., 207 Giannini Hall, Dept of Agr Econ, Univ of CA, Berkeley CA 94720; PH 415-642-2619.
Post Grad Res Econ, Univ of CA, Berkeley (03) 23.
b. 1950 California; M-0.
BS 1972 CA St Univ, Chico; MS 1973, PhD 1976 Univ of CA, Berkeley.
Fields: 025, 026.
Prev Emp: Res Asst, Univ of CA, Berkeley 1972-75; Bibliographer, Univ of CA, Berkeley 1972.
Mbr: AEA.

ECKERT, Jerry B., Econ Dept, CO St Univ, Ft Collins CO 80523; PH 303-491-6503.
Asst Prof, CO St Univ (03) 07, 08, 22.
b. 1939 Ohio; D-2.
BS 1962 Univ of AZ; MA 1963 Stanford Univ; PhD 1970 MI St Univ.
Fields: 070, 010, 073, 152.
Prev Emp: Agr Planning Adv, Ford Foundation Pakistan 1968-71.
Pub: Impact of HYV on Resource Productivity, PhD Thesis MI St Univ, 1970; Rural Labor in Punjab, Food Foundation/Pakistan 1971; Water & Fertilizer Interactions in Wheat Production, Centro Scientific Paper #16 1975.
Lang: Ger 2-3-1, Sp 2-3-2.
Mbr: ASA, IAAE, AES Pakistan.
Hon: Awarded Fertilizer Res Award for Best Fertilizer Res in Pakistan 1974.

EDDLEMAN, Bobby R., Agr Econ Dept, PO Box 5187, MS St Univ, Mississippi State MS 39762. PH 601-325-2750.
Professor, MS St Univ (03) 07, 08.
b. 1937 Texas; M-3.
BS 1954, TX Tech Univ; MS 1962, PhD 1965 NC St Univ.
Fields: 011, 012, 017, 105.
Prev Emp: Dir & Prof, Center for Rural Devl, IFAS, Univ of FL 1973-75; Asst Prof-Assoc Prof, Food & Res Econ, IFAS, Univ of FL 1966-73; Asst Prof, Agr Econ Dept TX A&M Univ 1964-66.

Pub: Financing Public Services in Rural Areas, AJAE, December 1974; Effect of Resource Investment Programs on Agr Labor Employment and Farm Members, SJAE, 1974; Area Wide Planning for Optimum Location of Hospital Facilities for Rural People, SJAE, 1972.
Lang: Sp 3-3-3.
Mbr: SAEA, Ed Board 1972-75, Sigma Chi, IAAE.

EDDY, Edward D., III, The Univ of MI, 506 E Liberty Street, Ann Arbor MI 48108; PH 313-764-9490.
Res Asst, Center for Res on Econ Devl (03) 07, 18, 22.
b. 1951 New York; M-0.
BA 1974 Yale Univ; MS 1974-75 Cornell Univ.
Fields: 073, 118, 081, 151.
Prev Emp: Consultant, USAID (REDSO/WA), Abidjan, Ivory Coast 1975-76; Res Asst, Cornell Univ 1974-75; Tech Asst, Ministry of Prod, Bamako, Mali 1972-73.
Pub: Development of the Livestock Sector in West Africa, Cornell Agr Econ Staff Paper No. 75-17, 1975.
Lang: Fr 1-1-1, Rus 2-2-2.

EDDY, Nelson H., Intl Plaza, Englewood Cliffs NJ 07632; PH 201-894-2341.
Dir Mktg Econ, CDC Intl (51) 04, 18, 15.
b. 1912 Colorado; M-0.
AB 1934 Univ of CO; MA 1937 Columbia Univ.
Fields: 014, 051, 093.
Prev Emp: V. Pres. Mktg, Dole Corp, San Jose CA 1956-61.

EDMONDSON, Vance W., Dept of Agr Econ & Rur Soc, Prairie View A&M Univ, Prairie View TX 77445; PH 713-857-3012.
Assoc Prof, Prairie View A&M Univ (03) 07, 01, 08.
b. 1915 Arkansas; M-0.
BS 1948 Univ of AR; MS 1950 OK St Univ; PhD 1956 Cornell Univ.
Fields: 012, 014, 030, 055.
Prev Emp: Head of Dept,Prairie View A&M Univ, Aug 75; Assoc Prof, TX A&M Univ Sept 1959.
Pub: Non-Professionals in Extension Educ. TX A&M 1972; Agricultural Program Aides, Jour of Extension 1973; Danish System of Swine Production-Marketing, Symposium Proceedings 1971.
Lang: Sp 1-3-2, Danish 2-3-3.
Mbr: RSS

EDWARDS, Clark, EDD-ERS-USDA, Washington DC 20250; PH 202-447-9101.
Sr Econ, USDA (16) 07, 08, 01.
b. 1925 Illinois; M-4.
1948-49 Roosevelt Univ; PhD 1958 MI St Univ.
Fields: 060, 070, 080, 010.
Prev Emp: Prof OK St Univ 1958-62; Co. Agt, Univ of MO, Union MO 1952-53.
Pub: Alternative Futures for Nonmetropolitan Population, Income, Employment and Capital, AER 311, ERS-USDA 1975; Exchangable Coupon Gas Rationing, Agr. Econ Res, Vol 26, No. 3, 1974; Area Delineations for Rural Economic Development Research, Vol. 24, 1972.
Mbr: Reg Sci.
Hon: Who's Who in Govt, Am Men & Women of Sci, Who's Who in South & Southeast, Pi Mu Epsilon, USDA Mgt Award 1970; Honorable Mention AAEA for PhD Thesis 1959.

EDWARDS, Jack D., Denver Serv Center, Bldg 50, Denver Federal Center, Denver CO 80225; PH 303-234-2368.
Leader Econ Staff, Bureau of Land Mgmt (13) 19, 18, 07.
b. 1929 Kansas; M-2.
BA 1954 Wichita St Univ; MS 1958, PhD 1968 KS St Univ.
Fields: 020, 038, 035, 013.
Prev Emp: Res Asst, KS St Univ, Manhattan KS 1959-62.
Pub: Effects of Roads & Other Factors on Farm Estate Values in Kansas, KS Agr Exp Sta Bull 469, 1964; Splendid but Superficial Contribution of Conventional Economic Analysis to the Management of Public Resources, The Annals of Regional Science, 1970.
Lang: Ger 3-0-0, Sp 3-0-0.
Mbr: WAEA, WRSA.

EDWARDS, Richard J., PO Box 352, TN St Univ, Nashville TN 37203; PH 615-749-5257.
Agr Econ, USDA (16) 07.
b. 1933 New York; M-2.
BS 1961 Cornell Univ; MS 1966, PhD 1974 Purdue Univ.
Fields: 101, 018.
Mbr: SAEA, AEA.
Hon: Phi Kappa Phi.

EDWARDS, William F., Dept of Econ, 33rd & Univ Avenues, Little Rock AR 72204; PH 501-568-2200.
Assoc Professor, Univ of AR, Little Rock, (03) 08, 07.
b. 1938 Tennessee; M-2.
BS 1959 Clemson Univ; MBA 1963 IN Univ; PhD 1969 Univ of FL.
Fields: 060, 080, 090, 020.
Prev Emp: Assoc Prof of Mgmt, Wake Forest Univ, Winston Salem NC 1972-74; Asst Prof of Mgmt, Wake Forest Univ 1970-72; Interim Asst Prof, Univ of FL, Gainesville 1969-70.
Pub: Externalities in Pesticide Use, AJAE 1969; Agricultural Pesticides: Productivity & Externalities, Johns Hopkins Press 1972; Pesticide Residues & Environmental Economics, Natural Resources Jour 1970.
Mbr: AEA, AAS, SEA.
Hon: Phi Kappa Phi, Phi Eta Sigma.

EFSTRATOGLOU-TODOULOS, Sophia, 22 Hippokratous Street, Athens 144 Greece.
Assoc Res, Center of Planning & Econ Res (67) 07, 08.
b. 1941 Greece; Citz: Greece; M-1.
BS 1964 Athens Sch of Econ & Bus Sci; MS 1968, PhD 1972 NC St Univ.
Fields: 011, 017, 114.
Prev Emp: Res Asst, Center of Planning & Econ Res, Athens, 1964.
Pub: Variability in Rental Rates Paid in Flue Cured Tobacco Allotment Rental Markets in North Carolina, Econ Res Report, NC St Univ 1970; Economic Effects of Inter- County Transferred Flue-Cured Tobacco Quota, Econ Res Report, NC St Univ 1973.
Lang: Greek; Other: Eng 1-1-1, Fr 2-2-2.
Mbr: AEA.

EGBERT, Alvin C., 1818 H Street NW, Washington DC 20433; PH 202-477-3496.
Sr Econ, World Bank (66) 07, 15, 19.
b. 1922 Ohio; M-3.
1946-47 Univ of Cincinnati; BS 1954, MS 1955 Univ of KY; PhD 1958 IA St Univ.
Fields: 073, 111, 081.
Prev Emp: Chief, OUtlook & Projection Br. USDA, Washington DC 1965-68; Head, Long-Run Projections, SEC-OPB-ERS-USDA, Washington DC 1961-65
Pub: A Development Model for the Agricultura Sector of Portugal, World Bank 1975; Analysis of Aggregation Errors in Linear Programming & Planning Models, AJAE, 1975; A Regional Planning Model, North Holland Pub Co 1975.
Lang: Sp 2-1-1, Por 1-1-1.
Mbr: IAAE, Econometric Society.
Hon: Am Men & Women of Science, Who's Who in the South, Opekasit Scholarship 1955, Outstanding Dissertation AAEA 1959.

EGERTSON, Kenneth E., Dept of Agr & Appl Econ, Univ of MN, St Paul MN 55108; PH 612-373-1093.
Professor, Univ of MN (03) 09, 08, 07.
b. 1931 Minnesota; M-5.
AA 1951 Waldorf College; BS 1956, MS 1958 MN Univ.
Fields: 014, 018, 016, 101.
Prev Emp: U.S. Army, 1952-54.
Mbr: MN Farm Managers.
Hon: Gamma Sigma Delta.

EGGERS, Herman J., 206 South 19th Street, Omaha NE 68102.
Econ, Farm Bank Res & Info Serv (52) 07, 14, 15.
b. 1943 Missouri; M-2.
BS 1965, MS 1971 Univ of MO.
Fields: 013, 016, 018.
Prev Emp: Res Asst, Univ of MO 1970-71.
Pub: Financing Locally Owned Farm Supply Firms, Univ of MO 1971.

EGGERT, Robert J., 30 Rockefeller Plaza, New York NY 10020; PH 212-598-4882.
Staff V. Pres, Chf Econ, RCA Corporation (51) 15, 11, 07.
b. 1913 Arkansas; M-3.
BS 1935, MS 1936 Univ of IL; 1936-38 Univ of MN.
Fields: 075, 095, 015, 141.
Prev Emp: Stf V. Pres-Econ & Mktg Res, RCA Corp, NY 1968-73; Mktg Res Mgr, Ford Motor Co, Dearborn MI 1951-67; Econ, Am Meat Ind, Chicago 1939-50.
Pub: Risk & Rate Problems-Livestock Market, Univ of IL 1936; Becoming a Person of Greater Value, Ford Motor Company, 1962; The Economic Outlook, RCA Corp. 1975.
Lang: Ger 3-0-3.
Mbr: AMA, Pres. 1974-75, ASA, Pres. Chicago Chpt 1949, CBE, Chrmn 1973-74.
Hon: Who's Who in Am, Alpha Zeta, Fellow, Natl Assn of Business Econ.

EHNI, Rodney J., Dept of Agr Econ, ND St Univ, Fargo ND 58102; PH 701-237-7441.
Grad Asst, ND St Univ (03) 23, 07.
b. 1952 North Dakota; U.
BS 1974, MS 1976 ND St Univ.
Fields: 026, 080.
Prev Emp: Agr Stat, USDA-SRS, St Paul MN, 1975; Std Trainee, USDA-SRS, Fargo ND 1974-75; Std Trainee, USDA-FHA Fessenden ND 1973.
Pub: A Simulation of Economic Alternatives of Agricultural Non Point Pollution in the Lower Cheyenne River Basin.
Lang: Fr 2-0-0.
Mbr: NDSU Agr Econ GSA, V. Pres, Tau Kappa Epsilon, Treas. Hist.

EICHER, Carl K., Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-353-9330.
Professor, Michigan St Univ (03) 07, 08.
b. 1930 Michigan; M-3.
BS 1952, MS 1956 MI St Univ; PhD 1961 Harvard Univ.
Fields: 073, 077, 121.
Prev Emp: Prof, Dept of Agr Econ, MI St Univ 1961-75; Vstg Prof., Stanford Univ 1968; Dir. Econ Devl Inst, Univ of Nigeria, 1964-66.
Pub: Agriculture in Economic Development, McGraw-Hill 1964; Strategies and Policies for Nigerian Rural Development, MI St Univ 1969; Growth and Development of the Nigerian Economy, MI St Univ Press, 1970.
Lang: Fr 1-0-0.
Mbr: ACE, Chrm 1973-76, Overseas Liason Committee.
Hon: Fellow, Woodrow Wilson Intl Center for Scholars, Washington DC 1976-77.

EICKHORST, Ronald F., 1300 Ft Wayne Natl Bank, Ft Wayne IN 46802.
Sr Econ Anal, Central Soya Co Inc (51) 15, 07.
b. 1946 Illinois; M-1.
BS 1969, MS 1970 Univ of IL-Urbana.
Fields: 016, 018.
Prev Emp: Military, Washington DC 1970-72.

EIDMAN, Vernon R., 218 Classroom Off. Bldg, Univ of MN, St Paul MN 55108.
Professor, Dept of Agr & Appl Econ, Univ of MN (03) 07, 08, 09.
b. 1936 Illinois; M-3.
BS 1958, MS 1961 Univ of IL; PhD 1965 Univ of CA.
Fields: 011, 012, 013, 084.
Prev Emp: Prof, OK St Univ 1971-75; Vstg Prof, Swedish Agr College, Uppsala 1973; Asst & Assoc Prof, OK St Univ, 1964-71.
Pub: A Gen Md for Eval Agr Flood Plains, AJAE 1972; Inc Mult Goals Into the Decs-Mktg Process, SJAE 1974; Simul of Soil Water-Crop Yield Systems: The Potential for Econ Analysis, SJAE 1975.
Mbr: AEA, SAEA, V Pres. 1974-75, WAEA.
Hon: AAEA Award JFE 1968, AEA Directory, WAEA Outstanding Published Res 1969; OK St Univ Outstanding Teacher Award, 1970.

EILER, Doyle A., Dept of Agr Econ, Warren Hall, Cornell Univ, Ithaca NY 14853; PH 602-256-4441.
Asst Professor, Cornell Univ (03) 07, 08, 09.
b. 1944 Indiana; M-1.
BS 1966 Purdue Univ; PhD 1971 OR St Univ.
Fields: 014, 095.
Pub: Computerization of a Traditional Agricultural Marketing Class Exercise, CJAE 1971; A Multivariate Profit Analysis of Advertising, Awareness on Milk Use, CJAE, 1975; Producer Returns From Increased Levels of Milk Advertising, AJAE 1975.
Mbr: AEA, AMA.

EILER, James W., 166-D East Hall, Dept of Economics, IA St Univ, Ames IA 50011; PH 515-294-5436.
Instr. IA St Univ (03) 08, 20, 21.
b. 1951 USA; W.
BS 1972, MS 1974 IA St Univ.
Fields: 012, 013, 011.
Prev Emp: Farm Mgr, Willamere Farms, Stanwood IA 1974-75.

EISBERG, Keith W., 200 Mumford Hall, Dept of Agr Econ, Univ of Missouri, Columbia MO 65201; PH 314-882-7360.
Res Asst, Univ of MO (77) 07, 23, 21.
b. 1951 Missouri; U.
BS 1974, MS 1976 Univ of MO.
Fields: 112, 118, 014, 113.
Prev Emp: Res Asst, Resource Devl Assn, Los Altos CA 1975; Res Asst, Univ of MO & AID, Tanzania, E. Africa 1974.
Pub: An Irrigation Project in Southern Honduras Utilizing Subterranean Water-A Prefeasibility Analysis, Los Altos CA 1975.
Mbr: Omicron Delta Epsilon.

EISGRUBER, Ludwig M., Dept of Agr & Res Econ, OR St Univ, Corvallis OR 97331; PH 503-754-2941.
Prof & Head of Dept, OR St Univ (03) 02, 07, 08.
b. 1931 Germany; Citz: USA; M-4.
Cand. Agr 1953, Dipl Agr 1955 Technische Hochschule, Munchen; MS 1957, PhD 1959 Purdue Univ.
Fields: 017, 022, 011.
Prev Emp: Prof., Purdue Univ, 1965-73; Asst Head, Agr Econ Dept, Purdue Univ 1969-73; Asst Dean, Grad Sch, Purdue Univ 1970-73.
Pub: Comparacao de duas Alternativas para o Aumento da Producao Agricola Fertilizacao e Incorporacao de Cerrado, Revista Brasileira de Economia 1974; A Decision Model for the Estate Management Program, IA St Univ 1975.
Lang: German; Other: Eng,1-1-1.
Mbr: IAAE, AEA, WAEA.
Hon: Am Men & Women of Science, Who's Who in the World.

ELAASAR, Sammy E., Winston Salem St Univ, Dept of Econ, Winston-Salem NC 27103; PH 919- 768-1191.
Assoc Prof, Winston Salem St Univ (03) 08, 07.
b. 1929 Egypt; Citz: USA; M-4.
BS 1951, MS 1961 Univ of Cairo; MS 1965, PhD 1968 Univ of MD.
Fields: 021, 111
Prev Emp: Econ, NC St Commission, Raleigh NC 1969-71; Visting Prof, NC Central Univ, Durham NC 1969; Asst Prof, Univ of MD, College Park, 1968.
Pub: Least Cost World Trade Patterns for Grains and Meat, SJAE 1972; Minimum Cost World Trade Pattern for Some Commodities, 2nd Atlantic Econ Conference 1974; Economics of Poverty: A Study of North Carolina, Atlantic Econ Journal 1975.
Mbr: SEA, SAEA.
Hon: Outstanding Educators in Am, 1973, Who's Who in NC 1973; Personalities in the South 1975.

ELAM, Thomas E., Dept of Agr Econ, 305 Mumford Hall, Univ of IL, Urbana IL; PH 217-333-1825.
Asst Prof, Univ of IL (03) 09, 07.
b. 1946 North Carolina; M-2.
BS1969 Union Univ; MS 1971, PhD 1973 Univ of TN.
Fields: 018, 081.

Prev Emp: Asst Prof, N. KY St College, Highland Hts, KY 1972-74.
Pub: TN Feeder Pig Prices, Univ of TN Ext Bull 1972.
Lang: Fr 3-0- 0.
Mbr: FDRS, SEA.

ELDRIDGE, Eber W., 568 East Hall, IA St Univ, Ames IA 50011; PH 515-294-7518.
Proessor, IA St Univ (03) 09, 08.
b. 1920 Iowa; M-4.
BS 1942 IA St Univ; MS 1957 MI St Univ; PhD 1960 IA St Univ.
Fields: 031, 038, 017.
Prev Emp: St Econ, Iowa, Des Moines 1966-67.
Pub: Land Use Issues Today, IA St Univ, 1975; How's Your Economics IQ? IA St Univ 1975; Land Use Policy-Guide for Iowa, IA St Univ 1974.
Mbr: AEA, AIP, CDS.
Hon: PKP; Am Men & Women of Science, Superior Serv Award USDA, Dist Serv Ext Assoc.

ELEFSON, R. Vern, Univ of WI, River Falls WI 54022; PH 715-425-3298.
Prof & Chrmn, Univ of WI (03) 08, 02, 22.
b. 1930 Colorado; M-5.
AA 1950 Graceland College; BS 1953 Univ of MO; PhD 1965 Univ of MN.
Fields: 022, 013, 011, 017.
Prev Emp: Instr, Univ of MN 1957-60.
Pub: Financing Farm Transfers With Land Contracts, Sra Bull 454, U of MN 1961; Rediscount Mkt for Land Contracts, Land Economics, November 1960.

ELLENBURG, Dave W., SRS-USDA, Room 5871, South Bldg, Washington DC 20250; PH 202-447-7737.
Prog Planning Office, USDA-SRS (22) 18, 10, 06.
b. 1940 Texas; M-4.
BS 1963 TX A&M Univ.
Fields: 083, 084, 014.
Mbr: IASS.

ELEVELD, Bartelt, TX Real Estate Res Ctr, TX A&M Univ, College Station TX 77840; PH 713-845- 2036.
Res Assoc, TX Real Estate Res Ctr (03) 07.
b. 1949 Netherlands: Citz: Canada; M-0.
BS 1972 CA Poly; MA 1974 WA St Univ; TX A&M Univ 1974 to date.
Fields: 011, 034, 013
Prev Emp: Res Asst, WA St Univ 1972-74.
Pub: Financial Decisions for Farmers Contemplating Exit from the farming Sector, A Simulation Model, MA Thesis WA St Univ 1974.
Lang: Dutch 1-2-2.
Hon: Alpha Zeta.

ELGAARD, K., Econ Branch, Canada Dept of Agr, 5550 NW, Marine Drive, Vancouver 8 Canada.

ELTERICH, Gustav J., 211 Agr Hall, Univ of DE, Newark DE 19711; PH 302-738-2511.
Assoc Professor, Univ of DE (03) 07, 08.
b. 1930 Germany; Citz: USA; M-3.
Dipl-Landwirt 1956, Bonn, Germany; MS 1960 Univ of KY; PhD 1964 MI St Univ.
Fields: 010, 120, 080, 070.
Prev Emp: Vstg Prof, Inst fur Agr Univ, Kiel, Germany 1974; Tchr & Res Assoc, Inst fur Ludbetrielasi, Univ Bonn 1964-67; Res Asst, MI St Univ 1960-64.
Pub: O'Kunomik der Schweineproduktion, Parey, Hamburg, 1971; Cost Rates of Extending Unemployment Insurance to Agr, AJAE 1975; Analysis of Cost of Extending Unemployment Insurance to Farm Workers, Agr Econ Res 1975.
Lang: German; Other: Sp 2-3-2, Fr 2-3-3.
Mbr: AEA, IAAE, NEARC.
Hon: Who's Who in Am; Dir of Am Scholars; Ldrs in Educ; Am Men & Women of Sci; GSD.

EMERSON, Peter M., ERS-USDA-NEAD-SAAFS, Rm 258 GHI Bldg, Washington DC 20250.

EMERSON, Robert D., Food & Resource Econ, Univ of FL, IFAS, Gainesville FL 32611; PH 904-392-2394.
Asst Professor, Univ of FL (03) 07, 08.
b. 1944 New York; M-2.
BS 1965 Cornell Univ; MA 1967 Univ of Chicago; PhD 1971 Purdue Univ.
Fields: 120, 081, 040, 062.
Prev Emp: Grad Asst, Purdue Univ 1967-71; Res Asst, Univ of Chicago 1966; Econ Asst, USDA-ERS, Washington DC 1965.
Pub: The Hourly Labor Supply Response of Agricultural Workers, SJAE 1975; Migration and the Cost of Unemployment, FL Agr Exp Sta Bull 1973; An Economic Analysis of the Provisions of Police Services, PhD Diss. 1971.
Lang: Sp 3-0-3.
Mbr: AEA, ES, SAEA.
Hon: Gamma Sigma Delta.

ENGBERG, Russell C., 2030 State Street, Apt 21, Santa Barbara CA 93105.
Retired (76)
b. 1894 Iowa; M-1.
BS 1917 IA St Univ; MS 1923 Univ of MN; PhD 1927 Columbia Univ.
Fields: 013, 012, 094.
Prev Emp: Res Econ, Self-employed, Alexandria VA 1962-65; Chf, Res & Info Div, FCA, Wash. DC 1945-62; Dir of Res, Farm Cr. Bk of Omaha 1938-45.
Pub: Financing Farmer Coops., Wash. DC 1965; Industrial Activity and the Farmer, Brookings Inst 1927.
Hon: AZ; GSD; PKP; Merit Serv Award-Farm Cr. Adm.

ENGEL, N. Eugene, Draper Hall, Dept of Food & Resource Econ, Univ of MA, Amherst MA 01002; PH 413-545-2489.
Professor & Head, Univ of MA (03) 02, 08, 09.
b. 1932 Nebraska; W-5.
BS 1954, Univ of NE; MS 1959, PhD 1967 Univ of CT.
Fields: 038, 031, 017.
Prev Emp: Asst Prof, Univ of CT, 1966-67; Asst Prof, Univ of MA 1962-65; Res Asst, Univ of CT 1958-62.
Mbr: NAEC, Mbr Exec Comm. 1970-present.
Hon: Am Men & Women of Science.

ENGELMAN, Gerald, Packers & Stockyards Adm, USDA, Washington DC 20250; PH 202-447-7455.
Dir-Ind Anal Staff, Packers & Stockyards Adm, USDA (23) 07, 06, 18.
b. 1914 Iowa; M-4.
BS1937 IA St Univ; PhD 1948 Univ of MN.
Fields: 014, 100, 115, 102.
Prev Emp: Res Coord, North Central Livestock Mktg, USDA, St Paul MN 1948-50; Head, Livestock Sec, MED-BAE-AMS-ERS-USDA, Washington DC 1950-62; Visiting Prof, Univ of MN 1961.
Pub: Marketing Meat Type Hogs - Problems, Practices and Potentials-U.S. and Canada, USDA 1958; The Law and the Market as Viewed by a Regulatory Economist, Univ of MN 1966; The Lamb Industry - An Economic Study of Marketing Structure, Practices and Problems, USDA 1973.
Lang: Ger 3-0-3, Fr 3-0-3.
Mbr: CAES, WAEA.
Hon: Am Men & Women of Science, Who's Who in Govt; PhD Thesis Award AAEA 1948, Alpha Zeta.

ENGENE, Selmar A., Dept of Agr & Appl Econ, Univ of MN, St Paul MN 55108; PH 612-376-3563.
Professor Emeritus, Univ of MN (03) 27.
b. 1908 Minnesota; M-0.
BS 1931, PhD 1940 Univ of MN.
Fields: 012, 011.
Lang: Nor 2-3-2, Sp 3-0-3.
Mbr: ASFM&RA, AAUP, AAAS.

ENGER, Warren J., Suite 304, 1424 16th Street NW, Washington DC 20036; PH 202-462-3614.
Agr Econ, AFRICARE (72)19, 22, 18.
b. 1940 Minnesota; U.
BS 1964 Univ of MN; MS 1971 Univ of WI.
Fields: 118, 117, 073, 076.
Prev Emp: Agr Prog Tech Rep, Peace Corp/Action, Malaysia 1971-74; V. Pres Adm UTSI, Washington DC 1960-70; Agr Spec, Peace Corps, St Croix Virgin Islands, 1967-68.
Lang: Fr 1-3-1.

ENGLER, Joaquim J.C., Escola Superior de Agr, Luiz de Queiroz, C Postal 9, Piracicaba, Sao Paulo, Brazil; PH 0194-33-0011.
Dept Chairman, Univ of Sao Paulo (03) 02, 07, 08.
b. 1942 Brazil; Citz: Brazil; M-3.
Doctor 1968 Univ of Sao Paulo; MS 1970, PhD 1971 OH St Univ.
Fields: 011, 016, 081, 017.
Prev Emp: Asst Prof, Univ of Sao Paulo, Piracicaba 1965-72.
Pub: Alternative Enterprise Combinations Under Various Price Policies on Wheat and Cattle Farms in Southern Brazil, OH St Univ 1971; Production Response to Technological and Price Change, AJAE December 1971.
Lang: Portuguese; Other: Eng 1-1-1, Sp 1-2-2.
Mbr: IAAE, BSAE, V. Pres 1971-75.
Hon: Who's Who in Brazil, Gamma Sigma Delta, Visiting Prof, Gulbenkian Inst, Portugal.

ENGLISH, Burton C., Dept of Agr Econ & Agribusiness, Box 3169, New Mexico St Univ, Las Cruces NM 88003.

ENGSTORM, Howard L., 11104 Woodson Avenue Kensington MD 20795.

ENOCHIAN, Robert V., ERS, 800 Buchanan Street, Albany CA 94710; PH 415-486-3741.
Agr Econ, USDA (16) 07, 22.
b. 1921 California; M-2.
BA 1948, MA 1956 Univ of CA.
Fields: 014, 015, 073, 105.
Prev Emp: TDY Agr Mktg Adv, FAO, Trinidad 1974; TDY Agr Mktg Adv, AID, Latin Am, 1968 & 1972.
Pub: The Rise, Present Importance and Future of Frozen Fresh Foods, 1968; Prospects for Agriculture in the Carribean, 1970; Evaluating Research Improvements in Livestock Feeds Through Parametric Linear Programming, 1970.
Lang: Sp 2-3-3.
Mbr: WAEA, IAAE.
Hon: Am Men & Women of Science.

EPP, Abram W., 229 Filley Hall, Dept of Agr Econ, Univ of NE, East Campus, Lincoln NE 66583. PH 402-472-3401.
Professor, Univ of NE (03) 08, 07.
b. 1907 Nebraska; M-2.
BS 1933, MA 1937 Univ of NE; PhD 1950 Univ of MN.
Fields: 012, 013.
Prev Emp: Consultant, Bureau of Census, Washington DC 1956; Asst Prof, CO St Univ, Ft Collins CO 1941-43.

Pub: The Sandhills Ranch Business, Agr Exp Sta, Univ of NE 1972; Optimal Farm Plans Under Irrigation, Agr Exp Sta Univ of NE 1966; Optimal Farm Plans for SE Nebraska, Agr Exp Sta, Univ of NE, 1965.
Lang: Ger 2-2-2.
Mbr: WAEA, ASFM&RA.
Hon: Gamma Sigma Delta, Alpha Zeta.

EPP, Donald J., 8 Weaver Bldg, Dept of Agr Econ, PA St Univ, University Park PA 16802; PH 814-865-9541.
Assoc Prof, PA St Univ (03) 07, 08.
b. 1939 Nebraska; M-2.
BS 1961 Univ of NE; MS 1964, PhD 1967 MI St Univ.
Fields: 020, 030, 064, 066.
Prev Emp: Asst Prof, PA St Univ, 1967-71; Res Assoc/Instr, MI St Univ 1965-67.
Pub: The Effects of Industrial Growth on the Local Real Estate Tax, Land Economics, 1974; The Effect of Public Land Acquisition for Outdoor Recreation on the Real Estate Tax Base, Jour of Leisure Res 1971; Urban Growth and the Taxation of Agricultural Land in the Northeast, Jour of NAEC 1973.
Lang: Ger 3-3-3.
Mbr: AEA, NAEC.
Hon: Am Men & Women of Science, Gamma Sigma Delta, Phi Eta Sigma.

ERBYNN, Kobena G., Dept of Economics, Univ of Ghana, Legon, Ghana, West Africa.

ERDMANN, Herbert H., 225 Herweck, San Antonio TX 78213.
Retired (76)
b. Wisconsin; M-3.
BS 1929, MS 1966 Univ of WI.
Fields: 104, 014, 020.
Prev Emp: Milk Mkt Adm, USDA, San Antonio TX 1957-58; Milk Mktg Adm, USDA, Milwaukee WI 1950-57; Asst Mktg Adm, USDA, Chicago IL 1939-50.
Pub: 90 Years History Farm Prices in Wisconsin, Univ of WI 1932; Statistical Analysis Butterfat Testing and Sampling, Milk Mkt Adm, Chicago IL, 1950, Rev. 1972.
Mbr: IAAE, SHS-WI.

ERICKSEN, Milton H., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Agr Econ, ERS-USDA (16) 07.
b. 1942 Nebraska; M-2.
BS 1965, MS 1966 Univ of NE; PhD 1971 KS St Univ.
Fields: 011, 017, 060.
Pub: Policy Issues & Research Results U.S. Agriculture, Current Farm Econ, OSU, 1975; Effects of Livestock Enterprises, Farm Size, Crop Yields & Prices on Optimal Org. KS St Univ 1973.
Mbr: SAEA.
Hon: Alpha Zeta, Sigma Chi, Gamma Sigma Delta.

ERICKSON, Charles E., Cargill Bldg, Minneapolis MN 55402; PH 612-475-7373.
Mgr. Econ. Anal, Cargill Inc (51) 15, 10, 07.
b. 1927 Illinois; M-3.
BS 1949, MS 1953 Univ of IL; 1968-70 Univ of MN.
Fields: 016, 018, 014.
Prev Emp: Agr Stat, USDA-SRS, Springfield IL 1949-54; Sales Supervisor, FS Services, Lincoln IL 1949.
Mbr: NABE, IAAE, Bd of Dir 1972-75.

ERICKSON, Donald B., Dept of Econ, Waters Hall, Manhattan KS 66506; PH 913-532-6702.
Professor, KS St Univ (03) 07, 08, 02.
b. 1934 Wyoming; M-2.
BS 1955, MS 1960 Univ of WY; PhD 1964 Purdue Univ.
Fields: 031, 032, 015, 011.
Prev Emp: Asst Prof, SD St Univ 1963-66; Assoc Prof, KS St Univ - Ext. Manhattan KS 1966-74.
Lang: Sp 2-3-2, Swe 2-3-2.
Mbr: CDS, Sec-Treas. 1972-74.

ERICKSON, Duane E., 302-C Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 61801; PH 217-333-1815.
Professor, Univ of IL (03) 09, 07, 08.
b. 1931 MN; M-4.
BS 1953 ND St Univ; MS 1959, PhD 1962 Univ of MN.
Fields: 012, 011, 013, 018.
Prev Emp: Instr, Univ of MN, St Paul, 1961-73; Instr, Twin Buttes Sch Dist, Bowman ND 1955.
Pub: Making Profitable Farm Business Changes Through Education, Univ of IL 1967; Computer Use to Plan Increased Farm Business Returns, Spec Pub 23, Univ of IL 1971; Planning Retirement From Farming--A Computer Assisted Method For Low Income Farmers, Spec Pub 34, Univ of IL 1975.
Lang: Nor 2-3-3.
Mbr: IL Soc of Prof FM&RA, AFM&RA.
Hon: Am Men & Women of Science.

ERICKSON, Eldon L., Box 163, RR1, Bedford IA 50833.

ERICKSON, Elizabeth B., Dept of Econ, Univ of Akron, Akron OH 44304; PH 216-375-7549.
Asst Prof, Univ of Akron (03) 08, 07.
b. 1939 Australia; Citz: Australia; M-0.
BS 1962, MS 1965 Univ of W. Australia; PhD 1972 Univ of IL.
Fields: 073, 021, 035, 026.
Prev Emp: Res Asst, Univ of IL, Urbana 1965-68; Wool Res Studentship, Univ of Adelaide, S. Australia 1964-65; Tchr. Asst, Univ of Adelaide, Australia 1964.

Pub: Linear Programming Analysis of Irrigated Agriculture in NW Mexico, Intl Symposium on Water Resources 1972; Pesticide Problem: Annotated Bibliography, Univ of MO Agr Exp Res Bull 1970; Effects of Pricing Decisions of a Statutory Marketing Board, Aus. Jour of Agr Econ 1966.
Lang: Sp 2-1-1, Fr 2-1-0.
Mbr: AEA, Australian AEA, AWRA.

ERICKSON, Merlin W., Room 435, Centennial Mall W., Lincoln NE 68508; PH 402-471-5371.
Agr Econ, ERS-USDA (16) 07, 15, 19.
b. Nebraska; M-2.
BS 1961, MS 1963 Univ of Nebraska.
Fields: 021, 026, 020.
Mbr: SCSA, AEA.

ERICKSON, Steven P., 305 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 61801; PH 217-333-2657.
Grad Res Asst, Univ of IL (03) 07, 08.
b. 1949 Indiana; M-0.
BS 1971, MS 1973 Purdue Univ; PhD 1976 Univ of IL.
Fields: 014, 016, 062, 141.
Prev Emp: Instr, Vincennes Univ, 1972-75 (Falls); Grad Teaching Asst, Univ of IL, Urbana, Spring 1975; Grad Res Asst, Purdue Univ 1971-73.
Pub: Economic Impacts of Surface Runoff Disposal, Purdue Univ 1973; Intertemporal Price Relationships in the Live Cattle Futures Market, Illinois 1976.
Lang: Sp 3-0-3.
Mbr: Phi Kappa Phi, Gamma Sigma Delta.

ERLANDSON, Gordon W., Dept of Agr Econ, ND St Univ, Fargo ND 58102; PH 701-237-7441.
Assoc Prof, ND St Univ (03) 08, 07.
b. 1923 Minnesota; M-0.
BS 1959, MS 1962, PhD 1968 Univ of MN.
Fields: 141, 014, 101.
Mbr: WEA.
Hon: Gamma Sigma Delta, Alpha Zeta.

ERVEN, Bernard L., 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-6971.
Assoc Prof, OH St Univ (03) 08, 07.
b. 1938 Ohio; M-5.
BS 1960, MS 1963 OH St Univ; PhD 1967 Univ of WI.
Fields: 012, 011, 093.
Prev Emp: Asst Prof, Univ of WI, Porto Alegre, Brazil 1965-69.
Pub: Extension of Unemployment Insurance to Agriculture, OH Agr Res & Devl Center 1973; Hired Farm Workers Agr Employment & Ohio Agriculture, OH Agr Res & Devl Center 1973.
Lang: Por 1-2-1.
Mbr: ASFM&RA, OH-SFM&RA.
Hon: Am Men & Women of Science.

ERVIN, David E., Dept of Agr & Res Econ, OR St Univ, Corvallis OR 97330; PH 503-754-1821.
Res Assoc, OR St Univ (03) 07.
b. 1945 Ohio; M-0.
BS 1967, MS 1969 OH St Univ; PhD 1975 OR St Univ.
Fields: 022, 040.
Prev Emp: Res Asst, OR St Univ, 1970-74; Tech Asst, OH St Univ, 1970; Res Asst, OH St Univ 1968-69.
Pub: An Approach for Incorporating Human Capital Specificity Info Earnings Analysis, WAEA Proceedings 1975; An Economic Analysis of Income Determination for Production Workers in Oregon Wood Products Industry, Dissertation, OR St Univ 1974.
Mbr: WAEA.
Hon: Gamma Sigma Delta.

ERVIN, Lawrence C., Dept of Agr & Res. Econ, Univ of MD, College Park MD 20742; PH 301-454-3810.
Res Asst, Univ of MD (03) 23, 07.
b. 1953 Oklahoma; U.
1970-75 Harford Community College; BS 1975 Univ of MD, College Park.
Fields: 026, 025, 035, 017.
Grad Std Soc (Dept) Pres, 1976.

ERYILMAZ, Ali, Dept of Agr Econ, Univ of CA, Davis CA; PH 916-756-2388.
Post Grad Res Asst, Univ of CA (03) 07.
b. 1946 Turkey; Citz: Turkey-U.
BS 1967 Ankara Univ; MS 1973, PhD Candidate, Univ of CA, Davis.
Fields: 016, 073, 141.
Prev Emp: Res Asst, Univ of CA, Davis, 1972; Agr Engineer, Ministry of Agr, Turkey, 1969-70.
Lang: Turkish; Other: Eng 1-1-1, Fr 3-3-3

ESPADA, Joao Mendes, Rua de Cidade de Coimbra, Lote 8, Parede, Portugal.

ESPINET, Gabriel R., Agr Exp Station, Univ of Puerto Rico, PO Box H, Rio Piedras PR 00928; PH 809-767-9705.
Assoc Econ, Univ of PR (03) 07.
b. 1927; M-9.
BS 1948 Univ of PR, MS 1955 Cornell Univ.
Fields: 012, 014.
Prev Emp: Agronomist, PR Dept of Agr, 1966.
Pub: An Economic Analysis of Tobacco Farms, Thesis Cornell Univ 1955; Production of Estructure del Marcado de Citrias en PR (Spanish) PR Agr Exp Sta 1969; Inversion Costos Ganancies en la Producion (Spanish) PR Agr Exp Sta 1976
Lang: Spanish; Other: Eng 1-1-1.
Mbr: ASAS, CAPR, PR Inst of Real Estate Appraisers.

ETHERINGTON, Dan M., Econ R S Pac S, Australian Natl Univ, Canberra ACT Australia 2600; PH 49-3095.
Sr Res Fellow, Australian Natl Univ (03) 08, 07, 02.
b. 1936 Kenya; Citz: Australia; M-3.
BE 1960 Rhodes, S. Africa; MS 1962 Cornell Univ; PhD 1971 Stanford Univ.
Fields: 073, 011, 112, 047.
Prev Emp: Sr. Lectr, Univ of Nairobi, Kenya 1962-72.
Pub: Smallholder Tea Production in Kenya, EA Literature Bureau, Nairobi 1973; An International Tea Trade Policy for E. Africa, FRI Studies 1972; The Indonesian Tea Industry, Bull of Indonesia Econ Studies 1974.
Lang: Swahili 3-3-2, Fr 3-3-3.
Mbr. Australia AEA, IAAE, E. African AES.

ETHRIDGE, Don E., Agr Econ Dept, TX Tech Univ, Lubbock TX 79409; PH 806-742-7251.
Econ, USDA-ERS, (16)
b. 1942 Texas; M-1.
BS 1965, MS 1967 TX Tech Univ; PhD 1970, NC St Univ.
Fields: 062, 026, 021, 081.
Prev Emp: Sr Econ Anal, Off of Econ Res, CIA, Washington DC 1973-75; Asst Prof of Econ, Univ of MO-Rollo, 1970-73; Instr, NC St Univ, Raleigh, 1969-70.
Pub: The Inclusion of Wastes in the Theory of the Firm, Jour of Pol Econ, 1973; Use and Changes as a Means of Pollution Control-The Case of Sewer Surcharges, Jour Econ & Mgmt Sci Bull, 1972; An Economic Study of the Effects of Municipal Sewer Surcharges on Industrial Wastes, Water Res Research Inst of Univ of NC 1970.
Lang: Sp 3-3-3.
Mbr: AEA, SEA, SAEA.
Hon: Alpha Zeta, Phi Kappa Phi, Gamma Sigma Delta.

ETHRIDGE, Melvin D., TX Agr Mkt Res & Devl Center, Dept of Agr Econ, TX A&M Univ, College Station TX; PH 713-845-5911.
Asst Prof, TX A&M Univ, (03) 07, 15, 19.
b. 1945 Texas; M-2.
BS 1967 TX Tech Univ; MS 1968, PhD 1971 Univ of CA-Berkeley.
Fields: 014, 016, 081, 017.
Prev Emp: Asst Prof, Univ of GA, Athens, 1972-75.
Pub: Decision-Making With Production Utilization Uncertainties, AJAE 1975; Structure of Time Lags Between Wholesale & Farm Prices, SJAE 1975; California Beef Cattle: An Econometric Analysis, Dissertation, 1972.
Lang: Sp 3-3-3.
Mbr: Econometric Society, SAEA, WAEA.
Hon: Alpha Zeta, Phi Kappa Alpha, Gamma Sigma Delta.

EULER, Roger S., Room 5090 South Bldg, USDA, Washington DC 20250; PH 202-447-2166.
Head-US/USSR Secretariat, USDA (18) 06.
b. 1921 Indiana; M-0.
BS 1943, MS 1948 Purdue Univ; 1952 Univ of Chicago; PhD 1955 Purdue Univ.
Fields: 011, 110, 012.
Prev Emp: Ldr, Soviet Union Program Area, ERS-USDA, Washington DC 1973-74; Agr AH, For Agr Serv-USDA, Am Embassy, Moscow, 1967-72.
Pub: Prices of Indiana Farm Products, 1841-1955, Purdue AES Bull, 1957; Classification and Analysis of Work Methods for Handling Grain on Indiana Farms, PhD Thesis Purdue Univ 1955; Frozen Food Storage for Indiana Families, Purdue AES Bull 1950.
Lang: Pol 2-2-2, Rus 2-3-2.
Mbr: IAAE.
Hon: Alpha Zeta, Ceres & Sigma Chi.

EVANS, Carson D., NEAD-ERS-USDA, Washington DC 20250; PH 202-447-7643.
Agr Econ, USDA (16) 07, 21.
b. 1919 South Carolina; M-1.
AB 1940 Wofford College; MS 1951 Clemson Univ; 1961-62 NC St Univ.
Fields: 013, 018, 011.
Prev Emp: Gen Mgr, Barnwell PCA, Barnwell SC 1955-64; Asst Agr Econ, Clemson Univ 1948-54.
Pub: Balance Sheet of Farming Sector, USDA (Annual) 1965-75; Agriculture Finance Outlook, USDA (Annual) 1965-72.

EVANS, Martin C., Asian Devl Bank, PO Box 789, Manila, Philippines.
Proj Econ, Asian Devl Bank (67) 22, 18.
b. 1944 UK; Citz: UK; M-1.
BA 1966, MA 1970, PhD 1972 Cambridge, England.
Fields: 073, 016, 013, 011.
Prev Emp: Lectr, Univ of Papua, New Guinea, 1972-74; Jr Res Off, Univ of Cambridge, 1969-72.
Pub: Price Adjustment and Market Stability, AJAE, 1974; Growth Models of Cattle Production, Farm Economist 1971; Projection Models for UK Agriculture, Jour Agr Econ 1970.
Lang: Fr 2-2-2, Melanesian Pidgin 1-2-2.
Mbr: RES, AES.
Hon: UK Govt Std Scholarship 1962; Open Scholarship to St John's College, Cambridge 1962.

EVANS, Merrill B., Iowa Farm Bureau Fed & Affl Companies, 5400 University Ave, Des Moines IA 50265.

EVANS, Sidney H., Dept of Econ, NC Agr & Tech St College, Greensboro NC 27406; PH 919-379-7744.
Prof & Chairman, NC Agr & Tech St Univ (03) 02, 08, 07.
b. 1920 Virginia; M-2.
BS 1943 VA St College; MS 1947 IA St Univ; PhD 1967 OH St Univ.
Fields: 014, 141, 053, 111.
Prev Emp: Asst Prof, Ft Valley St College, GA 1948-51.
Pub: Commuting Patterns, Dissertation, OH Agr Res Devl Center 1968; Transportation Research for Community Objectives, Transportation Eng Jour 1972.
Mbr: SEA, AEA.

EVENSON, Robert E., PO Box 365, College, Laguna, Philippines.
Visiting Prof, IADA & AADC, Agr Devl Council, (67) 07, 08.
b. 1934 Minnesota; M-3.
BA 1961, MS 1964 Univ of MN; PhD 1968 Univ of Chicago.
Fields: 073, 105, 121, 047.
Prev Emp: Assoc, Agr Devl Council, Philippines 1974; Asst Prof Univ of MN 1975.
Pub: Agricultural Research and Productivity, Yale Univ Press 1975.
Lang: Fr 3-3-3.
Mbr: AEA.

EVERETT, Hal W. II, Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47906; PH 317-493-3486.
Res Asst, Purdue Univ (03) 23, 07.
b. 1951 Germany; Citz: USA; M-0.
BA 1973 NM St Univ; MS 1974 Purdue Univ; 1974-76, PhD Candidate, PUrdue Univ.
Fields: 020.
Prev Emp: Res Asst, P rdue Univ, W. Lafayette IN 1973-76.
Pub: The Economic Impact of Controlling NJ Point Pollution in Hardwood Forest Land, AJAE, November 1975.
Lang: Fr 3-3-3.
Mbr: AEA.
Hon: AAEA Outstanding MS Program Award 1974, Outstanding MS Thesis in Dept, Purdue Univ 1974.

EZZY, Shirley E., PO Box 988, Augusta ME 04330; PH 207-622-4882.
Agent, Aetna Life Insurance Co (51) 11.
b. 1942 USA; M-1.
BS 1964, MS 1967 Univ of ME, Orono.
Fields: 090, 070, 020.
Prev Emp: Spec Asst, Off of the Governor, Augusta ME 1973-75; Dir of Plng, Exe Dept, OEO, August ME 1969-72; Econ Cons, St of ME, August ME 1967, 68, 73.

FAAS, Ronald C., Dept of Agr Econ, WA St Univ, Pullman WA 99163.
Assoc Prof, MI St Univ (03) 23,07, 08.
b. 1935 Iowa; M-2.
BS 1957, MS 1965 IA St Univ; MA 1974 PhD 1976 MI St Univ.
Fields: 035, 066, 040, 020.
Prev Emp: Prog Tr Off, Peace Corps, Brazil 1970-72; Rural Devl Cons, Peace Corps, Brazil, 1967-70. Ext. Ldr, Agr Devl, IA St Univ Ext, Creston IA 1965-67.
Pub: Res Appr to Inst Alt in Adm of Agr Devl Programs, Agr Adm 1975.
Lang: Bra-Por 1-1-1, Spa 1-2-2.
Hon: Alpha Zeta, Phi Delta Kappa.

FABER, Doeke C., Dept of Econ, 578 East Hall, Iowa St Univ, Ames IA 50011; PH 515-294-1183.
Res Assoc, IA St Univ (03) 07, 20, 23.
b. 1943 Netherlands; Citz: Netherlands; M.
Ing 1965, BHLS (Holland); BS 1972 McGill Univ.
Fields: 010, 080, 112, 062.
Prev Emp: Vol. Dutch Govt, Zambia, Africa 1965-67; Team Ldr, Dutch Govt, Zambia Africa 1968-70.
Pub: A World Food Analysis, CARD Report 60, IA St Univ 1975; U.S. Exports and the Livestock Sector, World Review of Nutr & Diet 1976.
Lang: Dutch; Other: Eng 1-1-1, Fr 2-2-2.
Mbr: AEA.

FABIYI, Yakub L., Dept of Agr Econ, Univ of Ife, Ile-Ife, Nigeria.
Lecturer, Univ of Ife (03) 08, 07.
b. 1939 Nigeria; Citz: Nigeria; M-2.
BS 1969 Univ of Ife, Nigeria; MS 1971, PhD 1974 Univ of WI, Madison.
Fields: 022, 033, 038, 073.
Pub: Land Tenure Innovations in Rural Development, Thesis, Univ of WI 1974; Towards an Agrarian Reform in Western Nigeria, FAO Land Reform 1976.
Lang: Yoruba; Other: Eng 1-1-1.
Mbr: WAAES, AS of Nigeria, ES of Nigeria.

FAIRCHILD, Gary F., 1104 McCarty Hall, Dept of Food & Res Econ, Univ of FL, Gainesville FL 32611; PH 904-392-1874.
Res Econ, Asst Prof, Univ of FL (40) 07, 09, 15.
b. 1942 Ohio; D-1.
BS 1965, MS 1967 OH St Univ; PhD 1971 TX A&M Univ.
Fields: 014, 016, 050, 120.
Prev Emp: Res Asst, TX A&M Univ 1967-71; Res Asst, OH St Univ 1965-67.
Pub: Socioecon Dimen of FL Citrus Harvest Labor, Univ of FL 1975; Cons Credit in Retail Food Ind: Attitudinal Anal & Mkt Segment, TX A&M Univ 1971; FL Fresh Tangerine Mkt: Optm Shipment Vol as Related to Tang Size, Univ of FL 1972
Mbr: ACCI, SAEA, FSHS.

FAKEYE, Olufemi, Cook College Office Bldg, Rutgers Univ, New Brunswick NJ 08903; PH 201-932-9160.
Grad Student, Rutgers Univ.
b. 1952, Nigeria; Citz: Nigeria; U.
Cert in Agr 1971, Ife, Nigeria; BS 1975 Berea College.
Fields: 014, 013, 073,156.
Prev Emp: Agr Asst, W. Nigeria Civ Serv 1971-72; Res & Lab Asst, Berea College 1972-75.
Lang: Yoruba; Other: Eng 1-1-1, Fr 2-2-2.
Hon: Delta TAV Alpha, Delta TAV Alpha Natl Agr Soc.

FALCON, Walter P., Food Research Institute, Stanford Univ, Stanford CA 94305; PH 415-497-3652.
Prof & Dir, Food Res Inst, Stanford Univ (03) 07, 02, 23.
b. 1936 Iowa; M-3.
BS 1958 IA St Univ; AM 1960, PhD 1962 Harvard Univ.
Fields: 017, 016, 070, 110.
Prev Emp: Dep Dir, Harvard Inst 1970-72; Lecturer, Harvard Univ 1966-72; Asst Prof, Harvard Univ 1962-65.
Pub: Development Policy II, Harvard U. Press, 1970; The Green Revolution, AJAE 1970; Growth & Development in Pakistan, Harvard Ctr for Intl Affairs 1970.
Mbr: AEA.
Hon: Best Jour Article AAEA 1970; Fulbright Scholar, Pakistan.

FALKSON, Louis M., 405 Salem Drive, Cornell Univ, Ithaca NY 14853; PH 607-257-1929.
(03) 08, 07, 23, Cornell Univ.
b. 1937 MA; M-3.
AB 1959, MA 1962 Harvard Univ; PhD 1976 Cornell Univ.
Fields: 021, 026, 062, 064.
Prev Emp: Asst Prof, Cornell Univ 1963-72; Prog Dir, Water Res Econ Training Program 1963-68.
Pub: Optm Nodal Location of Pub Fac With Price Sensitive Demand, Geog Analysis 1975; Dynam Linear & Policy Iteration Models for Reservoir Op, Water Res Bul 1970; Water Shortages & Pricing, Am Water Res Assoc Conf Proceedings 1967.
Lang: Fr 3-3-3.
Mbr: AEA, ES, AWRA, Sec 1969

FALLERT, Richard F., Dairy Prog. Area, CED-ERS-USDA, 500 12th Street SW Washington DC 20250; PH 202-447-8915.
Agr Econ, USDA (16) 07, 19, 18.
b. 1930 Missouri; M-5.
BS 1958, MS 1959 Univ of MO; PhD 1971 Purdue Univ.
Fields: 014, 017, 081, 016.
Prev Emp: Assoc Ldr, Dairy Prog, USDA, 1974; Agr Econ, ERS-MED-USDA 1971; Mkt Spec, USDA (milk) 1964.
Pub: Policy Simulation Model for the U.S. Dairy Industry, PA St Univ 1976.

Development, Status and Potential, MRR No 957, ERS-USDA 1972; An Analysis of Buyer-Seller Relationships Between Food Chains and Fluid Milk Processors in the North Central Region, PhD Thesis Purdue Univ 1971.
Mbr: NAEA, SAEA.
Hon: Gamma Sigma Delta, USDA Certificate of Merit and Appreciation.

FAN, Charles C.L., Ontario Stat Centre 56 Wellesley Street West, 9th Floor, Toronto, Ontario, Canada M7A 1Y9. PH 416-965-3792.
Econ, Ontario Stat Centre (40) 07, 14, 22.
b. 1926 China; Citz: Canada; M.
BA 1947 Kwang si Univ, China; MS 1961 MT St Univ; PhD 1967 Univ of HI.
Fields: 011, 081, 082, 083.
Prev Emp: Assoc Prof, Southern Univ, LA 1967-69; Farm Tech, Taiwan Sugar Exp Sta 1951-58.
Pub: Determination of Sugar Supply Functions in Taiwan, Dissertation.
Lang: Chinese; Other: Ger 2-3-3, Eng 1-2-2.
Mbr: AAUP, SAEA, IAAE.
Hon Agr Devl Council.

FANFANI, Roberto, Centro Spec Alizzazione, Econ Agr Via Univ, Portici, Napoli, Italy; PH 081-739-0682.
Professor, Universita (03) 07, 08.
b. 1943 Italy; Citz: Italy; M-1.
Laurea 1966 Univ Cattolica; Dipl Spec 1969 Univ of Naples; MS 1972, PhD 1973 Univ of CA, Davis.
Fields: 011, 080, 018.
Pub: Potential Use of Manscolt Plan, European Rev of Economics, 1972; Incertezza e Programmaziong Aliendale Revista di Econ Agr 1973; Pooling Cross-Section and Time Series, European Rev of Agr Econ 1975.
Lang: Italian; Other: Eng 1-1-1, Fr 1-2-2.

FARIS, J. Edwin, Dept of Agr Econ & Rural Soc, Clemson Univ, Clemson SC 29631; PH 803-656-3223.
Prof & Head, Clemson Univ (03) 02, 09, 08.
b. 1928 Washington; M-4.
BS 1948, MA 1951 WA St Univ; PhD 1955 NC St Univ.
Fields: 011, 017, 084.
Prev Emp: Prof & Chm, WA St Univ 1972-74; Prof & Head, VPI & St Univ 1969-72; Asst Prof, Univ of CA, Davis 1955-69.
Pub: A Stoc Appr to Replace Pol from Plum Tree, Hilgardia 1968; Econ Assoc With Size, Kern County Cash Crops, Giannini Memeo 1963; Econ of Replacing Cling Peach Trees, Giannini Memeo 1960.
Lang: Sp 2-3-3.
Mbr: WAEA, SAEA.
Hon: Who's Who in Am, Dir of Am Scholars, Am Men & Women of Science.

FAROUQ, Ghulam, Extension Dept of Agr, Helmand Agr Valley Authority, Helmand, Afghanistan.
Asst Director General, H.A.V.A (36) 19, 09.
b. 1945 Afghanistan; Citz: Afghanistan; M-2.
BA 1969 Kabul Univ; MS 1975 Am Univ of Beirut.
Fields: 022, 071, 011.
Prev Emp: Dir., Stat & Prog Off, HAVA 1969-75.
Pub: Comparative Analysis of Econ Systems Kabul, 1970; 1971 Cotton Survey, Helmand, Afghanistan 1971; Socio-Econ Aspects of Land Settlement, Beirut, Lebanon 1975.
Lang: Pashtu; Other: Eng 1-1-1, Arabic 1-1-2.

FARRELL, Kenneth R., USDA, 500 12th Street Washington DC 22050; PH 202-447-8464.
Dep Adm, USDA (16) 06, 07.
b. 1927 Canada; Citz: USA; M-6.
BS 1950 Univ of Guelph; MS 1955, PhD 1958 IA St Univ.
Fields: 014, 016, 017, 101.
Prev Emp: Assoc Dir, Giannini Found., Berkeley CA 1970-71; Asst Adm ERS-USDA 1969-70; Dir, MED-ERS-USDA 1968-69.
Pub: New Priorities in Agr Research, WAEA Proceedings 1971; Demand and Supply Prospects for U.S. Agr, Policy Implication, AAAS, 1974; Potential Food Production Capacity of N.A. Ontario Inst of Agr 1974.
Lang: Ita 1-2-2, Fr 2-3-2.
Mbr: AAAS, AEA.
Hon: Who's Who in Am, Intl Who's Who, Am Men & Women of Science, Phi Kappa Phi, Gamma Sigma Delta.

FARRIS, Donald E., Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-2116.
Prof & Ldr of Res, TX A&M Univ (03) 07, 08, 02.
b. 1926 Arkansas; M-2.
BS 1950, MS 1951 Univ of AR; PhD 1958 NC St Univ.
Fields: 014, 101, 111, 061.
Prev Emp: Prof. TX A&M Univ 1971-73; Food Mktg Cons, NY & CA Law Firms, 1968-74; Asst Proj Ldr, Natl Comm on Food Mktg, Washington DC 1965-66.
Pub: Economics of Beef Cattle Systems-From Weaning Age to Slaughter, TX A&M Univ, 1974; Organization & Competition in the Livestock and Meat Industry, U.S. Govt Printing Office 1966; Interregional Competition in Marketing Slicing Cucumbers, NC St Univ 1960.
Mbr: SAEA, SSSA.

FARRIS, Paul L., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-749-2066.
Professor, Purdue Univ (03) 02, 07, 09.
b. 1919 Indiana; M-4.
BS 1949 Purdue Univ; MS 1950 Univ of IL; PhD 1954 Harvard Univ.
Fields: 014, 017, 018, 101.
Prev Emp: Proj Ldr, Ntl Comm on Food Mktg, Washington DC 1965-66; Agr Econ, USDA, Washington DC 1962.
Pub: Use of Soybean Futures Markets by Large Processing Firms, Agr Econ Res USDA 1973; Market Growth and Concentration Change in U.S. Manufacturing Industries, The Antitrust Bull 1973; Changes in Number and Size of Distribution of U.S. Soybean Processing Firms, AJAE 1973.
Lang: Fr 2-3-3, Ger 3-3-3.
Mbr: AEA.
Hon: Am Men & Women of Science; Who's Who in the Midwest.

FARRIS, William S., Dept of Agr Econ, Purdue Univ, Lafayette IN 47907; PH 317-493-2221.
Professor, Purdue Univ (03) 09, 07, 10.
b. 1916 USA; M-2.
BS 1939, MS 1946 Univ of AR; PhD 1955 Purdue Univ.
Fields: 014, 015, 118.
Prev Emp: Assoc Prof, AR St Univ, Jonesboro AR 1949-52; Asst Prof, Univ of AR, Fayetteville 1939-49.
Pub: Agri Marketing-Extension, USDA 1971; How Farmers Reduce Risk, Purdue (EC314) 1970;Long Range Planning Marketing Firms, Purdue Univ 1958.
Mbr: Epsilon Sigma Phi.

FARRISH, Raymond O.P., Box U-21, Univ of CT, Storrs CT 06268; PH 203-486-2836.
Prof & Dept Head, Univ of CT (03) 02, 07, 08.
b. 1931, USA; M-4.
BS 1952 Cornell Univ; MS 1957, PhD 1960 Univ of CT.
Fields: 017, 081, 062, 121.
Prev Emp: Ext Spec, Univ of AZ, 1963-66; Agr Econ, ERS-USDA, Washington DC 1961-63; Asst Prof, Univ of CT 1959-61.
Pub: Interregional Activity Analysis, AJAE 1974; Quadratic Programming for Econ Decisions, Computer Science Proceedings, 1973; Unemployment Insurance for Agric, Storrs CT Agr Exp Sta 1973.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: NAEC.
Hon: Phi Kappa Phi, Gamma Sigma Delta, Who's Who in Am, American Men & Women of Science.

FAUGHT, William A., ERS-USDA, Rm 3047, South Bldg, Washington DC 20250; PH 202-447-7393.
Dir For. Devl Agr, ERS-USDA (16) 06.
b. 1917 Tennessee; M.
1936-38 AR St College; BS 1940 Univ of AR; MA 1942, PhD 1952 Univ of VA; MPA 1961 Harvard Univ.
Fields: 118, 073.
Prev Emp: Chf, Fibers & Grains Br, MED, Washington DC 1963-72; Ldr, Fibers Sec MO &C, AMS, Washington DC 1957-63; Reg Coordinator, So. Cotton Mktg Comm, Washington DC 1948-55.
Pub: Econ Information Needed to Develop Napal's Agriculture, USAID, USDA 1973; Vietnam's 5-Year Rural Econ Devl Plan-Appraisals & Recommendations, USAID/USDA 1971; Implementation & Agr Econ Res-Jordan, USAID/USDA 1969.
Lang: Fr 2-0-0, Ger 2-0-0.
Hon: Am Men & Women of Science, USDA Sup. Serv Award 1973; USDA Cert. of Merit 1974 & 1968; Govt Employees Training Act Fellowship.

FAUSETT, Marvin R., Route # 1 Glenmore, Elkins WV 26241.

FAVERO, Philip G., 2B Cook Hall, MI St Univ, E Lansing MI 48824; PH 517-353-9596.
Grad Asst, MI St Univ (03) 23.
b. 1943 Montana; M.
BA 1965, MA 1970 Univ of MT.
Fields: 067, 020, 032, 042.
Prev Emp: Personnel Mgmt Spec, USDA, Washington DC 1971-72; Volunteer, Peace Corps, Kenya 1966-68; Forest Worker, U.S. Forest Serv, Montana 1970.
Pub: The Grand Traverse County Fire Dept: Institutional Innovation, MI St Univ 1975; Capitation and Group Practice as Health Care Alternatives, MI St Univ 1974; Primordial Groups of Kenya, Missoula MT 1970.
Lang: Swahili 3-3-2.
Mbr: AEE.

FAWCETT, David L., Route # 1, Glencoe OK 74032; PH 405-377-7550.
Res, USDA (23) 07.
b. 1949 Ohio; M-2.
BS 1971 OK St Univ; MS 1972 OH St Univ; 1972-73 OR St Univ.
Fields: 080.
Prev Emp: Farm Mgmt Spec, OK St Univ, Guymon OK 1974.

FEDELER, Jerry A., 103-D Weaver Bldg, Dept of Agr Econ, PA St Univ, University Park PA 16802; PH 814-865-6361.
Asst Prof, PA St Univ (03) 07, 09, 08.
b. 1943; M-2.
BS 1965, PhD 1972 IA St Univ.
Fields: 012, 013, 084, 094.
Prev Emp: Staff Econ, IA St Univ, 1972-75.
Pub: An Interregional Analysis of U.S. Comestic Grain Transportation, CARD Report 54T, IA St Univ 1975.
Mbr: AEA, The Scientific Res Soc of North America,NAEC.
Hon: Sigma XI, Phi Kappa Phi, Gamma Sigma Delta, Woodrow Wilson Fellow 1965.

FEISE, Christopher F., WA St Univ, Dept of Agr Econ, Pullman WA 99102; PH 509-335-1290.
Res Asst, WA St Univ (03) 07, 22.
b. 1944; U.
BA 1966 Johns Hopkins Univ.
Fields: 022, 121, 105, 073.
Prev Emp: Res Asst, WA St Univ; AID, Philippines 1975; Res Asst, WA St Univ 1973-76; Sr Liason Officer, Dept Comm Affairs, MA 1970-72.
Lang: Tagalog 2-1-1, Rus 2-2-2.
Mbr: WAEA, URPE.

FELLOWS, Irving Forbes, Dept of Agr Econ, Univ of Connecticut, Storrs CT 06268; PH 203-486-2838.
Professor, Univ of CT (03) 08, 07.
b. 1913; M.
BS 1937, MS 1940 Univ of CT; PhD 1952 IA St Univ.
Fields: 011, 020.
Prev Emp: Agr Econ, USDA, Upper Darby PA 1940-48; Assoc Prof & Prof, Univ of CT, 1948 - --.

FELTNER, Richard L., 201-A Adms, USDA, Washington DC 20250; PH 202-447-4623.
Asst Sec, USDA (23) 06, 18.
b. 1938; M-2.
BS 1960, MS 1961 Purdue Univ; PhD 1965 NC St Univ.
Fields: 017, 014.
Prev Emp: Dept Head, Univ of IL, Urbana 1970-74; Asst Dean, Col of Agr, MI St Univ, 1968-70; Asst Prof, MI St Univ 1965-68.
Hon: Who's Who in America.

FENWICK, Richard S., Dept of Econ, Box 5337, NC St Univ, Raleigh NC 27607; PH 919-737-2885.
Assoc Prof, NC St Univ (03) 09, 10, 17.
b. 1940; M-2.
BS 1962, MS 1965 CO St Univ; PhD 1972 Univ of MO.
Fields: 094, 013, 014.
Prev Emp: Asst Prof, KS St Univ, 1971-75; Asst Prof ND St Univ, 1965-69.
Pub: Management for North Carolina Agribusiness, NC St Univ 1976.
Mbr: FMA.
Hon: E.G.N. Award 1973; Farm Foundation Fellowship.

FERELL, Raymond S., Econ Devl Center, Western Carolina Univ, Cullowhee NC 28723; PH 704-293-7492.
Res Econ, Western Carolina Univ (03) 07, 08, 09.
b. 1935; M-3.
BS 1957 Univ of MO; MS 1966, PhD 1970 IA St Univ.
Fields: 023, 093, 062, 025.
Prev Emp: Asst Prof, So IL Univ, 1969-74; Res Asst, IA St Univ 1964-69; Forester, USFS, Winchester KY 1957-64.
Pub: Plantation Investment Opp in Black Walnut, Jour of Forestry, 1969; Forest Management Flexibility: A Def &Some Meas (Dissertation) IA St Univ 1970; Opportunity Cost in L.U. Planning, West Can Bus Rev 1974.
Lang: Ger 3-0-0.
Mbr: AEA, SEA, SAF.
Hon: Who's Who in Forestry App Section, Gamma Sigma Delta, Phi Eta Sigma, XI Sigma PI.

FERGESON, Clint K., 100 Broadway, Oklahoma City OK 73125; PH 405-231-6171.
Correspondent Officer, Liberty Natl Bank (51) 17, 21.
b. 1946; M.
BBA 1969; MS1971 TX Tech Univ.
Fields: 132.

FERGUSON, David K., 3445 Executive Ctr Dr Austin TX 78731; PH 512-345-9270.
Director, Govt Mkt, Health Applications Systems (51) 11, 10, 15.
b. 1933 Ohio; M-3.
BS 1955 OH St Univ; MS 1961 Purdue Univ.
Fields: 095, 091, 092.
Prev Emp: Dir, Reg Prog of TX, Austin 1973-75; Res Assoc, Univ of TX, Austin 1968-70; Mgr Mkt Res, Shell Chemical Co, San Francisco CA 1967-68.
Pub: Price Analysis-Wholesale Ham Market, Purdue Univ 1961; Project Products-Feasibility Studies, Univ of TX 1969.
Mbr: WAEA, NARMP.

FERGUSON, Donald S., 4608 Millburn Court, Alexandria VA 22309.

FERGUSON, Eli H., 680 Wellington Road, Ridgewood NJ 07450; PH 201-445-1068.
Retired Sr VP Equitable Assurance Soc (75) 17, 18, 19.
b. 1909; M-1.
BS 1932, DS 1963 SD St Univ.
Fields: 013, 026, 038, 094.
Prev Emp: Sr VP Equitable Life, New York NY 1937-74; Adm Asst USDA Lincoln NE 1934-36; Fieldman, First Natl Bank, Philip SD 1933-34.
Pub: Social Sciences in Forestry, W.B. Saunders Co 1975.
Mbr: WAEA, ARSA, NASCP.
Hon: Who's Who in Am, Intl Who's Who, Who's Who in Ins., Honorary DSc from SD St Univ.

FERGUSON, Joseph D., 1521 Hillcrest , Woodward OK 73801; PH 405-256-3446.
Mktg & Cowboy, Ferguson Ranch.
Self-Employed.
b. 1936; U.
BS 1960 OK St Univ; MBA 1962 KS Univ.

FERNANDEZ-CAVADA, Jose L., 1850 Hanover #109, Davis CA 95616.

FERREIRA, Leo, IPEA, Mins of Planning Rua Melvin Jones, 5-29° andar, Rio de Janeiro 20000 Brazil.

FERRIS, John N., Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-355-0144.
Professor, MI St Univ (03) 09, 07, 08.
b. 1929; M-2.
BS 1951 Purdue Univ; MS 1952 Cornell Univ; PhD 1960 MI St Univ.
Fields: 018, 016, 014, 017.
Prev Emp: Supr Agr Econ, Cost of Living Council, Washington DC 1973.
Pub: The Impact on U.S. Agricultural Trade of the Accession of the U.K., Ireland, Denmark and Norway to the EEC, MI St Univ 1971; An Analysis of Supply Response on Major Agricultural Commodities in Korea, MI St Univ 197
Lang: Ger 3-0-3.
Hon: Distinguished Ext Prog, AAEA 1975.

FETTIG, Lyle P , Dept of Agr Econ, 305 Mumford Univ of IL, Urbana IL 61601. PH 217-333-1831.
Professor, Univ of IL (03) 08, 07.
b. 1934. M-1.
BS 1956, MS 1958 MSU; MA 1960, PhD 1963 Univ of Chicago.
Fields: 030, 040, 013.

FIELD, Alfred J. Jr., Dept of Econ 206 Gardner Hall, Univ of NC, Chapel Hill NC 27514; PH 919-966-5347.
Assoc Professor, Univ of NC, (03) 08, 07.
b. 1939 Iowa; M-2.
BS 1961, MS 1963, PhD 1967 IA St Univ.
Fields: 076, 111, 073, 077.
Prev Emp: Ldr/Consultant, IA Univ Mission, Lima Peru 1971-73; Asst Prof, Dept of Econ, Univ of NC 1967-71; Consultant-Summer Res, AID, Washington DC 1967.
Pub: A multi-Regional, Multi-Commodity Descriptive and Econometric Analysis of World Trade, 1953-64, PhD Disertation, IA St Univ 1967; Relationships Between Agriculture, NonAgriculture and Foreign Trade in the Development of Argentina and Peru, Natl Bur of Econ Res, New York, 1969; A Ten Region Model of World Trade, Intl Trade and Finance, New York 1974.
Lang: Sp 1-2-1.
Mbr: AEA, SID.
Hon: AEA Directory; AAEA Award for Published Research 1970.

FIELD, Barry C., 303 Draper Hall, Dept of Agr Econ, Univ of MA, Amherst MA 01002; PH 413-545-2493.
Asst Professor, Univ of MA (03) 08, 07.
b. 1934 USA; M-1.
BS 1956, MS 1959 Cornell Univ; PhD 1967 Univ of CA, Berkeley.
Fields: 026, 022, 038.
Prev Emp: Asst Prof, George Washington Univ, Washington DC 1967-71; Econ, New England River Basins Comm, Boston MA 1972-73.
Mbr: AEA, RES.

FIELDER, Lonnie L. Jr., Dept of Agr Econ LA St Univ, Baton Rouge LA 70803; PH 504-388-3284.
Professor, LA St Univ (03) 07, 08.
b. 1930 Louisiana; M-2.
BS 1951, MS 1953 LA St Univ; PhD 1959 IA St Univ.
Fields: 016, 081, 084, 011.
Prev Emp: Grad Asst, IA St Univ, 1956-59; Cpt, U.S. Army 1953-56; Res Assoc, LA St Univ, Baton Rouge 1952-53.
Pub: An Analysis of Trends in Yields of Major Crops in Louisiana, LSU 1972; Weight-Price Relationships for Calves, Steers and Heifers, Louisiana Auctions, LSU, 1974; Seasonal Patterns of Prices for Louisiana Products, LSU, 1974.
Mbr: ASA, SAEA, LA Teachers Assoc.
Hon: Omicron Delta Kappa; Alpha Zeta; Gamma Sigma Delta.

FIENUP, Darrell F., Dept of Agr Econ, MI St Univ, E Lansing MI 48824.
Professor, MI St Univ (03) 18, 19, 23.
b. 1926 Iowa; M-4.
BS 1951 IA St Univ; MS 1952 MT St Univ; PhD 1955 Univ of WI.
Fields: 073, 105, 118, 101.
Prev Emp: Prog Adv, Ford Foundation, Argentina 1967-73; Prof, Univ of MN, St Paul 1957-72.

Pub: The Agricultural Development of Argentina, Praeger LC69-19025, 1969; Institutional Roles and Training Issues in International Agr Development, AJAE 1974.
Lang: Sp 1-2-1, Por 1-3-2.
Mbr: AEA, IAAE, LASA.
Hon: Am Men & Women of Science.

FIFE, Lavon S., 401 North Michigan Ave, Chicago IL 60611; PH 312-670-3852.
Mgr., Forecasting/Plng, International Harvester Company (51)15, 10, 21.
b. 1924 Idaho; M-5.
BS 1950, MA 1951 Utah St Univ; PhD 1953 Cornell Univ.
Fields: 011, 012, 153, 014.
Prev Emp: Asst Mgr. Prod Plng, Ford Tractor Div, Birmingham MI 1954-56; Asst Prof, Purdue Univ, Lafayette IN 1953-54.
Mbr: ASAE, AMA.

FIGUERAS, Juan Antonio, USAID (Univ of Florida) LaPaz, Bolivia.
Assoc Res Sci, Univ of FL (03).
b. 1938; Cuba; Citz: USA; M-4.
BB 1965 Univ of Miami; MA 1967, Vanderbilt Univ; PhD 1972 Univ of FL.
Fields: 072, 011, 022, 077.
Prev Emp: Vstg Prof, Inst Colombiano Agropecuaria, Bogota Colombia, 1973-75; Asst Prof, CA St Univ, Fresno 1969-71.
Pub: Agr Develop of Mexico, Dissertation 1972; Rural Welfare in Cuba, Thesis 1967; Rural Credit Colombia, Revista ICA 1975.
Lang: Spanish; Other: Eng 3-3-3.
Mbr: AEA, SID SIP.
Hon: Magna Cum Laude, Phi Kappa Phi.

FILAN, Stephen J., School of Wool & Pastoral Sci, Univ of NSW, PO Box 1, Kensington NSW 2033 Australia; PH 662-2444.
Lecturer, Univ of New South Wales (03) 08, 07.
b. 1942 Australia; Citz: Australia; M-1.
BAE 1963 Univ of New England; MS 1975 Univ of NSW.
Fields: 011, 017, 084.
Prev Emp: Econ Res Off, NSW Dept of Agr, Sydney 1963-68.
Pub: Rainfall Studies in Simulation of Wool Production in an Arid Region, MS Thesis 1975.
Mbr: ORS, Australia; Australian Inst of Agr Sci; Australia AEA, NSW Pres 1969.

FINDEIS, Jill S., Dept of Agr Econ, Univ of ID, Moscow ID 83843; PH 208-885-6262.
Tech Aide-Grad Student, Univ of ID (03) 07, 23.
b. 1952 New York; M.
BS 1974 Cornell Univ.
Fields: 020.

FINDLEY, Gregory D., 6 Weaver Bldg, Dept of Agr Econ, PA St Univ, University Par PA 16802; PH 814-863-0190.
Grad Asst, PA St Univ (03) 23, 07.
b. 1947 Wisconsin; M.
BS 1969 Univ of CA, Davis; MS 1975, PhD 1976, PA St Univ.
Fields: 035, 042, 032, 020.
Prev Emp: Res Asst, Dept of Agr Econ, PA St Univ 1974.
Lang: Ger 2-3-2, Sp 2-3-3.
Mbr: AEA, NAEC.
Hon: Gamma Sigma Delta.

FINLAYSON, Edwin H., Food & Res Econ Dept IFAS, Univ of FL, Gainesville FL 32611; PH 904-392-1849.
Assoc in Agr Econ, Univ of FL (03) 08, 07.
b. 1922 Florida; M-3.
BSA 1971, MSA 1973 Univ of FL.
Fields: 012, 011, 084,141.
Prev Emp: Student, Univ of FL, 1970-73; Col., U.S. Marine Corps 1942-70.
Mbr: SAEA.
Hon: Alpha Zeta, Phi Kappa Phi.

FINLEY, Robert M., 215 Mumford Hall, Dept of Agr Econ, Univ of Missouri, Columbia M 65201; PH 314-882-6025.
Professor, Univ of MO (03) 07, 08.
b. 1927 Colorado; M-1.
BS 1950, MS 1953 KS St Univ; PhD 1957, Univ of IL, Urbana.
Fields: 011, 117, 073,060.
Prev Emp: Asst-Assoc Prof, Univ of NE, Lincoln 1957-63; Instr Univ of IL Urbana 1955-57.
Pub: Price and Income Elasticities for Food, CJAE, 1975; Farm Type Classification Systems, AJAE 1974; The Demand for Food in the U.S., Applied Economics 1973.
Lang: Sp 2-0-0, Fr 3-0-0.
Mbr: AEA, AHS, WAEA.
Hon: Am Men & Women of Science, Who's Who in the Midwest.

FIRCH, Robert S., Dept of Agr Econ, Univ of AZ, Tucson AZ 85721; PH 602-884-1496.
Professor, Univ of AZ (03) 07, 08, 02.
b. 1933 Illinois; M-1.
BS 1958 Univ of CA, Davis; MS 1960 Purdue Univ; PhD 1963 Univ of Chicago.
Fields: 014, 016, 017, 074.
Prev Emp: Vstg Asst Prof, OR St Univ, Corvallis, 1966.
Pub: Stability of Farm Income in a Stabilizing Economy, JFE 1964; Adjustments in a Slowly Declining U.S. Cotton Production Industry, AJAE 1973; Inflation, Price and Controls and Marketing Margins, Proceedings WAEA, 1975.
Lang: Sp 2-3-3.
Mbr: WAEA, V. Pres. 1972-73, AEA.

FISCHER, John L., Univ of AZ, Tucson AZ 85721; PH 602-884-3043.
Coordinator Africa Prog/Prof, Univ of AZ & Consortium Intl Devl (03) 01, 18, 22.
b. 1923 Oklahoma; M-4.
BS 1947, MS 1949 OK St Univ; PhD 1955 Univ of WI.
Fields: 070, 013, 118, 030.
Prev Emp: Sr Adv/Chf of Party, Univ of AZ, Ankara, Turkey, 1972-74; Devl Off, U.S. Dept of State, AID, Ethiopia 1966-69; Prof & Head of Dept, MT St Univ 1958-66.
Mbr: WAEA, IAAE, AAAS in Africa.
Hon: Am Men & Women of Science, Outstanding Prof, AAEA & ABC 1964, White House Domestic Affairs Comm. 1964-65.

FISCHER, Loyd K., 313 FyH 8L, Univ of NE Lincoln NE 68583; PH 402-472-3401.
Prof of Agr Econ, Univ of NE (03) 07, 08.
b. 1920 Nebraska; M-5.
BS 1951, MA 1952 Univ of NE; PhD 1955 IA St Univ.
Fields: 020, 073.
Prev Emp: Agr Policy Adv, IDS, Ford Foundation, LaPaz, Bolivia & Bogota 1967-69.
Lang: Sp 1-3-2.
Mbr: IPA, AWRA, Pres NE Chpt 1974-75.
Hon: Am Men & Women of Science.

FISHEL, Walter L., Room 209 N Bldg, BARC-W, Beltsville MD 20705; PH 301-344-3066.
Staff Off, Agr Res Service (15) 06, 19, 07.
b. 1930 Indiana; M-2.
1949-50 IN Univ; BS 1957, MS 1958 Purdue Univ; PhD 1969 NC St Univ.
Fields: 105, 092, 091, 084.
Prev Emp: Assoc Prof, Univ of MN, St Paul, May 1975; Principle Econ, Battelle Mem Inst, Ohio, March 1966; Instr, NC St Univ, Raleigh NC 1962.
Pub: Project Management Systems in ARS, Washington DC 1974; Resource Allocations in Agr Res, Minneapolis MN 1971; Uncertainty in Resource Allocation, Raleigh NC 1970.
Lang: Sp 2-3-3.
Mbr: IAAE, WFS, IMS, Chpt Pres 1972-73.

FISHER, Dennis U., Dept of Agr Econ, 412 Warren Hall, Cornell Univ, Ithaca NY 14853; PH 607-256-5413.
Asst Prof, Cornell Univ (03) 07, 09.
b. 1941 Washington; M-2.
BS 1967 WA St Univ; MA 1969, PhD 1972 MI St Univ.
Fields: 120, 030, 040.
Prev Emp: OR St Univ 1971-73; Ext Spec, MI St Univ 1970-71.
Pub: An Analysis of the Rates and Provisions of Workmen's Compensation Insurance Carried by OR Employers, OR St Univ 1974; The Economic Return to BOCES Secondary School Occupational Educ Investment, Cornell Univ 1976; Relationships Between Socio-Economic & Locational Charactertistics of Occupants and Housing Condition, MI St Univ, 1972.
Mbr: AEA, NAEC.
Hon: WAEA Ext Prog Award 1973, Alpha Zeta, Phi Kappa Phi.

FISHER, Brian S., Dept of Agr Econ, Univ of Sydney, Sydney NSW 2006 Australia.

FISHER, Douglas E., 3556 Victor Point RD, SE, Silverton OR 97381.

FISK, George D., 9485 Twin Lakes Avenue, Orangevale CA 95662.

FITCH, James B., Dept of Agr & Res Econ, OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Asst Prof, OR St Univ (03) 07, 08, 22.
b. 1939 USA; M-2.
BS 1961 Stanford Univ; MS 1969 Purdue Univ; MA 1971, PhD 1974 Stanford Univ.
Fields: 073, 082, 020.
Prev Emp: Peace Corps Vol, Chile, 1966-67; Lt., U.S. Navy, SE Asia, 1961-65.
Pub: A Dynamic Macroeconomic Model for Oregon; IEEE, May 1974; Economic Development in a Minority Enclave, PhD Dissertation, Stanford Univ 1974; Foreign Exchange & Econ Development, Rev of Econ & Stat May 1972.
Lang: Sp 1-2-1, Por 2-3-3.

FITCHETT, Delbert A., LAC Projects Dept, 1818 H Street NW. Washington DC 20433; PH 202-477-6567.
Econ, IBRD (66) 22, 19, 03.
b. 1936 USA; M-4.
BA 1958 Pomona College; MA 1959 Yale Univ; PhD 1963 Univ of CA, Berkeley.
Fields: 073, 017, 021, 118.
Prev Emp: Econ Adv, AID, Panama, 1972-74; Econ, Res for the Future, Buenos Aires & Washington 1969-72; Prof, Rockefeller Foundation, Santiago, Chile, 1966-69.
Pub: Capital Labor Substitution in Panama, Economic Devl & Cultural Change, 1976; Irrigated Agriculture and Regional Development, Annals of Regional Science 1974; Price Responsiveness of Chilean Farmers, Proceedings of 1970 IAAE Conf. Mensk 1971.
Lang: Sp 1-1-1, Fr 2-3-2.
Mbr: AEA, IAAE, LASA.
Hon: Am Men & Women of Science, Who's Who in the Southwest, Phi Beta Kappa, Fulbright Grant (Peru 1961-62) Rabinow Fellowship (Yale).

FITZ, Joseph C., Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-1533.
Res Asst/Student, Univ of CA (03) 23, 07.
b. 1952 USA; M.
BS 1974 Univ of CA, Davis.
Fields: 021, 054.

Prev Emp: State Clerk, Univ of CA, Davis, 1974; Stock Clerk, J.C. Pennys, San Jose 1971-72.
Lang: Sp 2-2-3.
Mbr: WAEA.
Hon: Omicron Delta Epsilon.

FITZHARRIS, Joseph C., 2115 Summit Ave, St Paul MN 55105; PH 612-647-5667.
Asst Professor, College of St Thomas (03) 08, 07.
b. 1946 Minnesota; M-1.
BA 1968 College St Thomas; MA 1969 Univ of MN; PhD 1975 Univ of Wisconsin, Madison.
Fields: 068, 033, 036, 157.
Prev Emp: Res Assoc, Univ of MN, St Paul, 1975; Res Fellow, Univ of MN, St Paul 1972-75.
Pub: A Model of Urban Growth and Transition: The Twin Cities, 1870-1930, PhD Dissertation, Univ of WI 1975.
Lang: Fr 3-3-3.
Mbr: AEA; Agr History Soc; Org Am History.

FITZSIMMONS, Dave R., 222 E Second Street, Coquille OR 97423; PH 503-396-2504.
Asst Co Supr, Farmers Home Adm (20) 06.
b. 1947 Washington; U.
BS 1971 WA St Univ; MS 1973 Univ of Reno, 1973.
Fields: 013, 031, 038, 021.
Prev Emp: Asst Co Agt, MT St Univ, Hardin MT 1973-74.

FLAIM, Silvio J., 316 Columbia Street, Ithaca NY 14850.

FLAIM, Theresa A., 303 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; Ph 607-256-4516.
Grad Student, Cornell Univ (03) 07, 08.
b. 1949; Japan; Citz: USA; U.
BA 1971 Univ of MO, Columbia; MS 1974 Cornell Univ.
Fields: 020, 080, 100, 060.
Prev Emp: Grad Asst, Cornell Univ, 1974; Lecturer, Cornell Univ 1974.
Pub: The Structure of the U.S. Petroleum Industry; A Summary of Survey Data, U.S. Govt Printing Office, Washington DC 1976; Electricity Demand and Utility Capacity Planning, Testimony Before the Atomic Safety and Licensing Board, U.S. Atomic Energy Commission, Cornell Univ 1973; Int'l. Agriculture: A World of Opportunities, SP Rep No 112, Agr Exp Sta, Univ of MO 1969.
Lang: Ita 3-0-0, Por 3-3-3.
Mbr: AEA.
Hon: The World Who's Who of Women, Phi Beta Kappa, Phi Kappa Phi.

FLASKERUD, George K., Route 3 Fosston MN 56542; PH 218-435-9296.
Self Employed (75) 21, 08.
b. 1942; M-1.
BS 1964, MS 1966 ND St Univ; PhD 1970 OK St Univ.
Fields: 012, 011, 013, 094.
Prev Emp: Pt Instr, Univ of MN Tech College Crookston MN 1973-74; Asst Prof, Univ of GA, Athens, 1972-73; Cpt-Instr, Army Civil Affairs School, Augusta GA 1970-72.
Pub: Min Cost LP as Dec Mak Strat, MS Thesis, ND St Univ 1966; Govt Farm Prog Alt LP Analysis, OK St Univ 1968; Simulation-Management &Credit Device, OK St Univ 1970.
Mbr: SAEA.
Hon: Grad Res Asst & Grad Excellence Award

FLETCHER, Stanley M., Rm 204, 1911 Bldg, Dept of Econ & Business, NC St Univ, Raleigh NC 27607; PH 919-737-2617.
Grad Res Asst, NC St Univ 23, 07.
b. 1951; M.
BS 1973, MS 1974 OK St Univ.
Fields: 016, 081.
Prev Emp: Grad Res Asst, Dept of Agr Econ, OK St Univ, Stillwater 1973-75; St Fed Cood Supr, Statistical Rept Serv, USDA, Oklahoma City OK 1972-73.
Pub: The Impact of Currency Realignment on the U.S. Wheat, OK St Univ, 1975; A User's Guide to the Econometric Analysis, Res Rep P-729, OK St Univ 1975; A Program for Econometric and Spectral Analysis-EAS, Econometrica 1976.
Hon: Phi Kappa Phi, Alpha Zeta,

FLINCHBAUGH, Barry L., Dept of Econ, KS St Univ, Manhattan KS 66506; PH 913-532-5823.
Ext Econ, KS St Univ (03) 09, 08, 18.
b. 1942; M-2.
BS 1964, MS 1967 PA St Univ; PhD 1971 Purdue Univ.
Fields: 017, 039, 102, 112.
Prev Emp: Grad Instr, Purdue Univ, 1967-70; County Agent, PA State, Luzerne County PA 1963-65.
Pub: Your Food, OH St Univ 1976; Food and Farm Policy, KS St Univ 1974; Who Will Control U.S. Agriculture, Univ of IL 197
Mbr: IAAO, CDS, PAA, PSAA.

FLOREA, Bruce J., 203-K Agr Science, Phase II, Washington St Univ, Pullman WA 99163 PH 509-335-2511.
Ext Econ, WA St Univ (03) 09.
b. 1922; M-2
BS 1948, MS 1964, PhD 1967 Univ of MO.
Fields: 017, 020, 030.
Prev Emp: Co Agt, IA St Univ, Storm Lake IA 1955-62, Sibley IA 1950-55.
Mbr: WAEA, Am Soc Fm Mgr & RA.

FLORES, Edmundo, Apartado Postal 5-305, Mexico DF Mexico.
Adviser, Mexican Government (06).
b. 1918; Citz: Mexico; M-2.
Agr Eng 1940, Escuela Nacional de Agr Chapingo; MS 1947, PhD 1948 Univ of WI.
Prev Emp: Ambassador from Mexico to Cuba 1975; Permanent Rep to FAO, Rome 1974; Prof. Univ of Mexico, Mexico City, (past 15 years)
Pub: Dentro Y Fuera del Desarrollo, Mexico 1973; Desarrello Agricola, Mexico 1972.
Lang: Spanish; Other: Eng 1-1-1, Fr 1-1-1.

FOLKERTS, William J., 401 First Ave NE, Watertown SD 57201; PH 605-886-7224.
Asst Dir, First Planning & Development (40) 15, 06.
b. 1941 South Dakota; M.
BS 1959, MS 1971 SD St Univ.
Fields: 039, 038, 070, 030.
Prev Emp: Res Asst, SD St Univ, Brookings 1969-71; Asst Placement Dir, SD St Univ 1969-70.
Pub: Overall Economic Development Plan, First District 1973; Economic of Farm Size, SD St Univ 1969.
Lang: Fr 3-3-2.

FOLWELL, Raymond J., Dept of Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-1005.
Assoc Professor, WA St Univ (03) 07, 08.
b. 1942 Illinois; M-2.
BS 1964, MS 1966 Univ of IL; PhD 1968 Univ of MO.
Fields: 014, 016.
Pub: The Pricing of Calves and Stock Feeders in Eastern Washington, WA St Univ 1976; Projecting Sizes of Farming Operations in Washington, WA St Univ 1976; Who Buys Wine: A Market Analysis, San Francisco WITC, 1976.
Lang: Sp 0-3-0.
Mbr: WAEA.
Hon: Am Men & Women of Sicence, Omicron Delta Epsilon, Gamma Sigma Delta.

FONOLLERA, Raymond E., Dept of Agr & Res Econ, OR St Univ, Corvallis OR 97331.
Grad Student (03) 23, 07.
b. 1939 Philippines; Citz: Phillipines; M-4.
BS 1960 Central Mindanao Univ; MS 1966 Univ of the Philippines; PhD Candidate. OR St Univ 1976.
Prev Emp: Asst Prof. III, Central Mindanao Univ, Philippines 1960-73.
Lang: Visayan, Tagalog; Other: Eng 1-1-1, Sp 2-3-3.
Mbr: WAEA.

FOOTE, Richard J., Faculty of Agr, PO Box 643, Morogoro, Tanzania, Africa; PH 2511.
Professor, Univ Dar-es-Salaam (03) 02, 08, 07.
b. 1914 Michigan; M-3.
BS 1935 MI St Univ; MS 1937 IA St Univ; USDA Graduate School 1939-43.
Fields: 081, 075, 016, 017.
Prev Emp: Price Policy Econ, USAID, Vietnam 1972-75; Professor, TX Tech Univ, Lubbock TX 1968-72; Head, Price & Trade Res Section, USDA, Washington DC 1950-57.
Pub: Analytical Tools for Studying Demand and a Price Structure, USDA 1958; Quarterly and Shorter-Term Price Forecasting Models Relating to Price, USDA 1973; Agricultural Prices, McGraw-Hill, New York 1952.
Hon: Am Men & Women of Science, Merit Award USDA, 1954.

FORD, Richard G., Rm 505-5, USDA, Washington DC 20250; PH 202-447-5334.
Ext Econ, Ext Service USDA (17) 09.
b. 1919 USA; M.
BS 1948 Univ of KY; MS 1960 Univ of Chicago.
Fields: 018, 017.
Prev Emp: Ext Econ, Rutgers Univ, NJ, 1954-55; Ext Econ, Univ of NB 1950-54.
Mbr: ODEA, President 1974.

FORKER, Olan D., 205 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-4576.
Chairman of Dept, NY St College of Agr & LS (03) 02, 07, 09.
b. 1928 Indiana; M-3.
BS 1950 Purdue Univ; MS 1958 MI St Univ; PhD 1962 Univ of CA, Berkeley.
Fields: 014, 017, 018.
Prev Emp: Ext Econ, Univ of CA, Berkeley, 1961-65; Farm Mgr, Halderman Farm Mgmt Service Inc, Wabash, Indiana 1954-58.
Pub: Short & Long Term Adjustments for Mfctd, Dairy Prod Industry in California, Univ of CA, Berkeley 1962; Possibility of Est Farmer's Cont Sys of Rep Income, MI St Univ 1958.
Mbr: NAEC, Reserve Officers Association.

FORNI, Nadia P., FAO, Rome Italy.
Empl Manpower Placement Officer, FAO/UN (63) 22, 15, 07.
b. 1939 Italy; Citz: Italy; U.
Laurea Political Sci 1961 Univ of Florence Italy; Certificate 1962-63 College of Belgium; MS 1967 OH St Univ.
Fields: 073, 046, 022, 156.
Prev Emp: Empl Off, FAO, Rome Italy 1968-74; Res Asst, OH St Univ, 1966-67; Assoc Exp, OECD, Ankara, Turkey 1963-65.
Lang: Italian; Other: Eng 1-1-1, Fr 1-1-1, Ger 1-2-2, Sp 1-1-1.

FORSHT, R. Gar, 500 12th Street SW, Rm 724, Washington DC 20250; PH 202-447-8123.
Head, Prog. Eval Group, USDA-FNS-OA (23) 19.
b. 1937 Pennsylvania; M-2.
BS 1959, MS 1961, PhD 1972 PA St Univ.
Fields: 051, 043.
Prev Emp: Agr Econ, USDA-ERS-NRED, Washington & PA St Univ, 1971-74; Grad Student, PA St Univ, University Park PA 1965-71.
Pub: Economic & Population Growth in Smaller Central Place Areas of Pennsylvania, USDA 1975; Recycling Poultry Waste, Will It Pay: USDA 1974; Methods and Practices for Controlling Water Pollution from Agricultural Nonpoint Sources, USDA 1973.
Mbr: NEAEA, SAEA.
Hon: Who's Who in America.

FORSTE, Robert H., 60 W Str, Annapolis MD 21401; PH 301-267-5355.
Sr Econ & Director, MD Env Serv (40) 15, 18, 19.
b. 1936 USA; M-2.
BS 1958 Cornell Univ; MS 1960 Univ of RI; PhD 1973 Univ of MA.
Fields: 020, 030, 104, 141.
Prev Emp: Pres, N Tier Assoc, Durham NH 1971-74; Dir of Env Educ, New England Center, Durham NH 1969-71; Asst Prof, Univ of MA, Amherst MA 1968-69.
Pub: Effect of Diminished Groundwater Supplies on NH Industries, Water Res Center, Univ of NH 1973; Resource Utilization Changes in Maryland, MD Envir Serv 1974; Governor's Food Commission: Labor & Economic Incentives, Commonwealth of MA, Boston 1974.
Lang: Ger 1-2-1, Rus 2-3-2.
Mbr: AEA, NAEC, CAES.
Hon: Alpha Zeta.

FORSTER, D. Lynn, Dept of Agr Econ, 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-2641.
Asst Professor, OH St Univ (03) 07, 08.
b. 1946 Indiana; M-2.
BS 1968 Purdue Univ; 1968-69 Cornell Univ; MS 1972 Purdue Univ; PhD 1974 MI St Univ.
Fields: 012, 011, 026.
Prev Emp: Res Asst, MI St Univ, 1972-74; Res Asst, Purdue Univ, 1971-72; U.S. Army, South Vietnam 1969-70.
Pub: Simulated Beef Feedlot Behavior, AJAE, 1975; Effects of Selected Water Pollution Control Rules, PhD Dissertation 1974; Simulating Your Estate Planning Alternatives, Dept Publication, 1975.
Lang: Sp 3-0-0.
Hon: Outstanding Doctoral Prog AAEA 1975; BS W/Distinction 1968; Bronze Star U.S. Army 1970.

FOSSUM, M. Truman, 818 18th Street NW, Suite 420, Washington DC 20006; PH 202-293-1480.
President, Mktg Facts for Floriculture (75) 07, 15, 01.
b. 1912 North Dakota; D.
BS 1940 Cornell Univ; MS 1941 OH St Univ.
Fields: 014, 018, 016, 152.
Prev Emp: Mktg Res, Florist's Transworld Delivery, Detroit MI 1960-70; Mktg Res, Advtg Agencies, Chicago & NY 1956-60; Econ, USDA, Washington DC 1949-56.
Pub: Trade in Horticultural Specialties 1890-1950, USDA 1953; Trends in Con Floriculture Crop Prod & O. St. 1945-1970, Washington DC 1973; Trends in Con Floriculture Crop Prod, Supplements 1970-75, Washington DC 1975.
Mbr: AMA, ASHS, AAAS, AIBS.
Hon: Who's Who in America, Intl Who's Who, Am Men & Women of Science, Norman J. Coleman Award-AAN, Res & Serv Award-FTD, Teleflora & SAF, Floriculture Hall of Fame.

FOSTER, Harry A., PO Box 960, Lansing MI 48904; PH 517-485-8121.
Div Mgr., MI Agr Coop Mktg Assoc (52) 11, 15, 07.
b. 1934 Michigan; M-5.
BS 1961 MI St Univ.
Fields: 014, 012, 016, 017.

FOSTER, John H., 236 Draper Hall, Dept of Agr, Univ of MA, Amherst MA 01002; PH 413-545-2491.
Professor, Univ of MA (03) 08, 07.
b. 1926 USA; W-2.
BS 1950 Cornell Univ; MS 1951 Purdue Univ; PhD 1957 Cornell Univ.
Fields: 026, 073.
Pub: Plan Farm Prog for Agr Diversification, Agr Adm 1975; Econ Criteria for Freshwater Wetland Policy, AJAE 1975; Info for Comm Resource Decisions, U of MA, 197?
Lang: Indi 0-0-3.
Mbr: IAEA, SID, NAEC.
Hon: Who's Who in America, Am Men & Women of Science, Fulbright Grant to India, 1964-65, Sr. Fellow East/West Center, Honolulu 1972-73.

FOSTER, Phillips W., Dept of Agr & Res Econ, Unid of MD, College Park MD 20742; PH 301-454-3808.
Professor, Univ of MD (03).
b. 1931 New York; M-3.
BS 1953 Cornell; MS 1957, PhD 1958 Univ of IL.
Prev Emp: Asst Prof, MI St Univ 1958-61.
Pub: Intro in Env Sci, Irwin Press 1972; A Simulation Study of Pop. Income and Growth in Uganda, Readings in Human Pop Ecology 1971; Incentives to Invest in New Agr Inputs in N. India, Econ Devl & Cultural Change 1972.
Lang: Sp 3-3-3, Fr 3-3-3.
Hon: Am Men & Women of Science.

FOSTER, Thomas H., 418 Roxie Drive, Florence AL 35630.

FOTI, John A., Dept of State, AID/RP606, Washington DC 20523; PH 703-235-8870.
Agr Econ, AID (60) 22, 19.
b. 1941 New York; M-2.
AAS 1962 Morrisville-SUNY; BS 1964 Univ of GA; MSP 1973 Cornell Univ.
Fields: 118.
Prev Emp: Volunteer, Peace Corps, Somolia 1964-66.
Lang: It 2-2-1.
Mbr: IAAE.

FOWLER, John M., 469 East Hall, Dept of Economics, IA St Univ, Ames IA 50011; PH 505-294-1103.
Res Asst, Center of Agr Rur Devl (02) 07, 23.
b. 1950 Wisconsin; U.
BS 1972 IA St Univ; MS 1974 NM St Univ; 1974-76 IA St Univ , PhD.
Fields: 026, 023, 011.
Prev Emp: Res Assoc, IA St Univ-CARD, Ames, IA 1975; Forest Econ, U.S. Forest Serv, Washington DC 1973; Forestry Trainee U.S. Forest Service, Washington DC 1972.
Mbr: SAF; ISU-Econ Grad Std Assoc-Pres; NMSU Grad Std Org-Pres.
Hon: Gamma Sigma Delta.

FOWLER, Mark L., Dept of Agr Econ, TX Tech Univ, PO Box 4169, Lubbock TX 79409; PH 806-742-7251.
Professor, TX Tech Univ (03) 08.
b. 1923 Arkansas; M-2.
1947-49 AR Tech; BS 1951 Univ of AR; PhD 1961 Univ of CA, Berkeley.
Fields: 016, 017, 014, 018.

FOX, Alan, 319 SW Pine Street, Portland OR 97208; PH 503-221-3539.
Econ, U.S. Forest Service (23) 18, 19, 15.
b. 1935 New Jersey; M-3.
BS 1957, MS 1962 Cornell Univ; PhD 1973 Cornell Univ.
Fields: 020.
Prev Emp: Econ, USDA-ERS NRED, Ithaca NY 1966-73; Acct Exec, E Market Res, Ithaca NY 1964-66; Farm Mortgage Rep, Equitable Life Assurance Soc, Meadville PA 1962-64.

FOX, Austin S., ERS, 500 12th Street SW, Washington DC 20250.
Agr Econ, USDA (16) 15, 07.
b. 1923 Pennsylvania; M-2.
BS 1950, MS 1955 PA St Univ.
Fields: 018, 016, 011, 012.
Pub: Demand for Farm Tractors, USDA 1966; Economic Impact of Restricting Herbicide Use, Jour of Env Quality 1972; Restricting the Use of 2,4,5- T, USDA 1971.

FOX, Karl A., Dept of Econ, 371 East Hall IA St Univ, Ames IA 50011; PH 515-294-7338.
Distinguished Professor, IA St Univ (03) 07, 08.
b. 1917 Utah; M-2.
BA 1937, MA 1938 Univ of UT; PhD 1954 Univ of CA.
Fields: 035, 040, 081, 016.
Prev Emp: Head, Dept of Econ, IA St Univ 1955-72; Sr Staff, Counc of Econ Advisors, Washington DC 1954-55; Head, Div of Stat & Historical Res, U.S. Bureau of Agr Econ, Washington DC 1951-54.
Pub: Social Indicators & Social Theory, John Wiley, New York 1974; The Theory of Quantitative Economic Policy, North-Holland, Amsterdam 1973; Econometric Analysis for Public Policy, IA St Univ Press 1958.
Lang: Fr 2-0-0, Sp 3-0-0.
Mbr: ASA, Fellow; AEA; Econometric Fellow.
Hon: Who's Who in America, Who's Who in the World, Am Men & Women of Sci; Fellow, AAEA; V. Pres AAEA 1955-56; AAEA Awards for Outstanding Published Res (1952, 1954, 1957).

FOX, Marshall D., Room 3506, So Agr Bldg, 14th & Independence Ave SW, Washington DC 20250; PH 202-447-5791.
Ldr - Latin Am Prog, USDA-ERS (16) 06.
b. 1917 Texas; M-3.
BS 1937, ME 1944 TX A&M Univ; 1951 Univ of WI.
Fields: 014, 012, 151, 159.
Prev Emp: Agr Attache, FAS-USDA, Costa Rica & Panama 1962-65; Training Spec, FAS-USDA, Washington DC 1957-62; Agr Educ Adv, USDA & AID, India & El Salvador 1952-57.
Lang: Sp 2-2-2.
Mbr: OPEDA, Mbrship Chrmn; Agr Workers Assoc, President.

FOX, Roger W., Dept of Agr Econ, Univ of AZ, Tucson AZ 85721; PH 602-884-2544.
Professor, Univ of AZ (03) 07, 08.
b. 1936 California; M-2.
BS 1959 Univ of CA, Davis; MS 1961 Univ of CA, Berkeley; PhD 1965 MI St Univ.
Fields: 014, 016, 017, 073.
Prev Emp: Assoc Prof, Univ of AZ, Tucson, 1970-75; Adv in Agr Econ, Brazil Prog, Fortaleza, Brazil 1970-73; Asst Prof, Univ of AZ, Tucson 1965-70.
Pub: Estimating the Effects of the EEC Common Grain Policy, JFE 1967; Agricultural Bargaining Power, Myth & Reality, Univ of WI 1969; Intraseason Transportation Models: An Application to Fresh Grapefruit, WAEA Proceedings 1969.
Lang: Por 1-2-1, Sp 2-0-0.
Mbr: AEA, WAEA, IAAE.

FOYTIK, Jerry, Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-1524.
Professor, Univ of CA, Davis (03) 08, 07.
b. 1914 Michigan; M-4.
AB 1936, MA 1938, PhD 1949 Univ of CA, Berkeley.
Fields: 081, 016, 014, 051.
Prev Emp: Vstg Prof, Haile Selassie I Univ, Ethiopia 1970-71; Price Adv, Chile-CA Prog, 1965-67; Food Econ, Office of Price Stabilization, Washington DC 1951-52.
Pub: Demand for California Plums, Hilgardia 1951; Demand for Fruits in Honolulu, Univ of HI Agr Exp Sta 1964; The Economy Diet, AAEA Annual Meeting 1974.
Lang: Sp 2-3-2, Czech 0-0-2.
Mbr: ASA, Econometric Soc, Phi Beta Kappa.
Hon: Leaders in Educ, AAEA Disser. Award, Meritorious Serv-Off of Quartermaster Gen-War Dept.

FRAASE, Ronald G., 1305 E Central Ave, Bismarck ND 58505; PH 701-224-2498.
Mktg Spec, ND St Wheat Comm. (40) 11, 07.
b. 1939 North Dakota; M-2.
BS 1966, MS 1968 ND St Univ.
Fields: 014, 015, 016, 063.
Prev Emp: Asst Prof, ND St Univ, 1968-74; Grad Asst, ND St Univ 1966-68.
Pub: An Analysis of the Feasibility of Establishing Malt Plants in North Dakota, ND Exp Sta Bull,
Mbr: WAEA, ND Academy of Science.

FRAHM, Donald G., 2185 Democrat Road, Memphis TN 38106; PH 901-396-3600.
Res Assoc, Cook Industries Inc (51) 07, 15.
b. 1945 Ohio; M.
BS 1967 OH St Univ; MS 1969, PhD 1972 Purdue Univ.
Fields: 016, 014, 018.
Prev Emp: Asst Prof, Univ of NE, Lincoln, 1972-74; Res Asst, Purdue Univ, W. Lafayette IN 1967-72.

FRAMPTON, Alan R., Agr Econ & Farm Mgmt Dept, Massey Univ, Palmerston North, New Zealand.
Professor, Massey Univ (03) 02, 08, 07.
b. 1929 New Zealand; Citz: NZ; M-2.
MAS 1963 Massey Univ; PhD 1968 Cornell Univ.
Fields: 012, 017, 073, 014.
Prev Emp: Res Off, Lincoln College, New Zealand, 1963-65; Farmer, New Zealand, 1950-59.
Mbr: NZIAS-Council Mbr 1968-71, SID, NZAE.

FRANCISCO, Emilio M., Faculty of Econ Studies, Univ of New England, Armidale NSW 2351 Australia.
Res Fellow, Univ of New England (03) 07, 08, 23.
b. 1943 Chile; Citz: Chile; M.
Ing Agr 1968 Univ of Chile; ME 1972 Univ of New England, Australia.
Fields: 011, 075, 084, 105.
Prev Emp: Lecturer, Catholic Univ, Chile 1972; Res Fellow, Univ of New England, 1970; Sr Off, CEEA, Chile 1969.
Pub: Choice and Chance West of the Darling, Australia Jour of Agr Econ 1972.
Lang: Spanish; Other: Eng 1-1-1.
Mbr: ASAE, ASOR.
Hon: FAO Prize for Best Thesis in Agr Econ (Chile) 1969.

FRANCL, Terry L., Fed Reserve, Chicago, Res Dept, Box 894, Chicago IL 60690; PH 312-322-5813.
Agr Econ, Fed Reserve Bank, Chicago (36) 07, 15.
b. 1943 Nebraska; M-1.
BS 1965 Univ of NE; MA 1972 WA St Univ.
Fields: 013, 014.
Prev Emp: Agr Bus Anal, C F Ind, Inc. Chicago IL 1972-73; Procedures Anal, Felco-Land-o-Lakes, Ft Dodge IA 1969-70; Asst Mgr, Fert. Supply, Felco-Land-o-Lakes Ft Dodge IA 1966-69.
Mbr: Chicago Agr Econ Club.
Hon: Outstanding Jour Article of the Yr (1973); Natl Assn of Tchrs of Coll & Univ.

FRANCOIS, Coral F., PO Box 429, Thibodaux LA 70301; PH 504-446-1316.
Assoc Area Agt (CRD) LA Coop Ext Serv (17) 09, 07.
b. 1938 Louisiana; U.
BS 1966 Univ of So. LA; MS 1969 LA St Univ.
Fields: 031, 014, 011.
Prev Emp: Instr, LA St Univ, Baton Rouge 1969-74; Instr, AR St Univ, Jonesboro 1968-69; Agr Comm Grader, USDA, Memphis 1961-64.
Pub: Price Performance in the Louisiana Sweet Potato Market, LSU 1974; Marketing Guidelines for Louisiana Vegetable Producers, LSU 1972; Comparative Analysis of Louisiana Broiler Contracts, LSU 1970.
Lang: Fr 2-3-2.
Mbr: La. Co Agr Agts Assoc; La. Comm Agr Assoc.
Hon: Dict of Intl Biography, Gamma Sigma Delta, Deans Honor Roll.

FRANK, Gary G., ERS-CED-USDA, Dairy Prog, Washington DC 20250; PH 202-447-4878.
Agr Econ, USDA (16) 07, 20, 18.
b. 1946 Wisconsin; M-1.
BS 1971, MS 1972, PhD 1974 Univ of WI-Madison.
Fields: 011, 012, 013.
Pub: An Energy Concentration Guidebook for Dairy Farmers, USDA-ERS-CED 1976.
Lang: Per 0-0-2, Fr 3-3-3.

FRANZMANN, John R., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Professor, OK St Univ (03) 08, 07.
b. 1928 Connecticut; M-4.
BS 1952, MS 1956 Univ of CT; PhD 1960 OK St Univ.
Fields: 016, 014.
Prev Emp: Agr Econ, USDA, OK St Univ 1962-64; Agr Econ, TVA, Knoxville TN 1960-62.
Mbr: SAEA, ACT.

FRAZIER, Thomas L., 102 Conner Hall, Univ of GA, Athens GA 30602; PH 404-542-1611.
Assoc Professor, Univ of GA (03) 02, 08.
b. 1915 Georgia; M-1.
BS 1949, MS 1951 Univ of GA.
Fields: 012, 015.
Lang: Fr 2-0-0.
Hon: Outstanding Educ in Am; Personalities of the South.

FREDERICK, Allen L., Dept of Agr Econ, 344 Watters Hall, KS St Univ, Manhattan KS 66506.

FREDERICK, David W., USAID, APO New York NY 09662; PH 319-352-3585.
Prof Off, AID (24) 03, 18, 15.
b. 1944 Iowa; M-2.
BA 1965 Wartburg College; MA 1970 Clark Univ;1974-75 UT St Univ.
Fields: 017, 020, 070, 130.
Prev Emp: Mktg Coord, Koehring Co., Waverly IA 1966-69; Instr, Univ of MD, Bangkok, Thailand 1970, City Councilman, Waverly Municipality IA 1968-69.
Pub: A Rationale for Public Power, Public Power Magazine 1969; Local Government and Rural Finances, USAID/ Thailand 1971; Senegal River Valley Development, USAID/ Senegal 1974.
Lang: Thai 3-3-2, Fr 1-1-1, Rus 3-3-3.
Mbr: SID.

FREDERICKSON, Dennis R., RR, Morgan MN 56266; PH 507-249-3346.
Farmer, Self-employed (75) 21, 27.
b. 1939 USA; M-3.
BS 1961 Univ of MN.
Fields: 012, 011, 013, 156.
Prev Emp: Lt Commander, U.S. Navy 1962-67.
Mbr: ASAS.

FREE, William J., F-122, NFDC, Muscle Shoals AL 35660; PH 205-383-4631.
Agr Econ, TVA (35) 07, 15, 11.
b. 1934 Georgia; M-2.
BSA 1956, MS1957 Univ of GA; PhD 1970 Univ of MO.
Fields: 014, 016, 019, 011.
Prev Emp: Asst & Econ, Univ of MO & USDA 1961-66; Econ, Doane Agr Serv, MO 1958-61; Res Asst Univ of GA 1956-57.
Pub: The Future of the South in the Soybean Processing Industry, 1975, TVA, Muscle Shoals AL 1971; Estimates of Feedstuffs Fed and Cost of Feeding Beef, TVA Muscle Shoals AL 1971; Dominican Rep. Fertilizer Situation, A Description, Analysis and Recommendation, TVA, Muscle Shoals AL 1976.
Lang: Sp 3-3-0.
Mbr: SAEA, SAAS.

FREEBAIRN, Donald, 349 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-2104.
Assoc Professor, Cornell Univ (03) 08, 07.
b. 1929 Illinois; M.
BS 1950, MS 1952 Univ of IL; PhD 1956 Cornell Univ.
Fields: 073, 017, 022.
Prev Emp: Agr Econ, The Rockefeller Found. Mexico 1956-64.
Pub: Food, Population and Employment, Praeger 1973.
Lang: Sp 1-1-1.

FREEBAIRN, John W., Dept of Econ, RSSS, Australian National Univ, Canberra, ACT 2600 Australia.
Res Fellow, Australian Ntl Univ (03) 07.
b. 1944 Australia; Citz: Australia; M-2.
BAE 1965, MAE 1968 Univ of New England; PhD 1972 Univ of CA, Davis.
Fields: 081, 017, 014.
Prev Emp: Sr Econ, NSW Dept of Agr, Sydney, Australia 1972-74; Res Asst, Dept of Agr Econ, Davis CA 1969-72.
Pub: Forecasting for Australian Agriculture, Australia JAE, 1975; Estimates of Some Effects of Changes in Levels of U.S. Beef Imports, AJAE, 1975; Estimation of Policy Preference Functions, Rev of Econ & Stats 1974.
Hon: AAEA PhD Thesis Award, University Medal-Univ of New England.

FREEMAN, Robert E., CSUC School of Business, Chico CA 95929; PH 916-895-6360.
Assoc Prof, CA St Univ, Chico, (03) 08, 07.
b. 1916 North Dakota; M-4.
BS 1936 Univ of MN; MS 1937 Univ of CT; PhD 1964 Purdue Univ.
Fields: 095, 014. 034.
Prev Emp: Ldr, Housing Group, USDA-ERS-EDD, Washington DC 1968-70; Econ, USDA-ERS-MED, Washington DC 1963-68.
Pub: Rural Housing: Trends and Prospects, USDA, 1970; Geographic Pattern of Fluid Milk Process, USDA, 1968; Farm Productivity and Marketing Margins, JFE, 1966.
Lang: Fr 3-3-3.
Mbr: AMA, AEA.

FREEMAN, Roger L., PO Box 1229, Galveston TX 77553; PH 713-763-1211.
Reg Econ (GS-12) U.S. Army Corps of Engineers (26) 15, 19, 21.
b. 1937 Texas; M.
BS 1960 TX Tech Univ; MS 1962 NM St Univ; 1964 OR St Univ; 1971 Univ of Houston.
Fields: 021, 038, 035, 151.
Prev Emp: Reg Econ, U.S. Corps of Eng., Galveston TX 1967; Field Econ, U.S. Dept of Interior, Phoenix AZ 1965; Field Econ, U.S. Dept of Interior, Sacramento CA 1964.

FRENCH, Ben C., Dept of Econ, Univ of CA Davis CA 95616.
Professor, Univ of CA, Davis (03) 07, 08.
b. 1923 California; M-3.
BS 1948, MS 1949, PhD 1954 Univ of CA, Berkeley.
Fields: 014, 016, 093, 081.
Prev Emp: Assoc Prof, MI St Univ, 1953-58; Coop Agent, USDA, Univ of CA 1949-53.
Lang: Sp 3-3-3.
Mbr: Econometric Society, AEA, WAEA-Pres. 1970-71.
Hon: Am Men & Women of Science, AAEA Outstanding PhD Thesis 1954, AAEA Outstanding Published Research 1956, V. Pres AAEA 1965-66.

FRENCH, Burton L., CED-ERS-USDA, Washington DC 20250; PH 202-447-9160.
Agr Econ, ERS-USDA (16) 07.
b. 1920 Nebraska; M-3.
BS 1948 Univ of NE; MS 1949, PhD 1952 IA St Univ.
Fields: 011, 081, 083.
Prev Emp: Asst Prof, Univ of NE, Lincoln, 1950-54.

FRENCH, Charles E., World Food & Nutrition Study, NH Academy of Sci JH 232, 2101 Constitution Avenue NW, Washington DC 20418; PH 202-389-6855.
Professor, Purdue Univ (03) 18, 07.
b. 1923 Missouri; M-3.
BS 1948, MA 1949 Univ of MO; PhD 1951 Purdue Univ; 1943 WA Univ; 1957 Univ of CA.
Fields: 014, 090, 100, 110.
Prev Emp: Asst-Assoc Prof/Head of Dept, Purdue Univ, Lafayette 1951-73.
Pub: Organization and Competition in the Midwest Dairy Industries, IA St Univ Press 1970; Agribusiness Tomorrow-Its Challenges, 1971 American Cooperation, 1971; Selected Alternative Programs for the Real World to the Undergraduate Classroom, AJAE 1974.
Mbr: IAAE, AMA, CAES.
Hon: Who's Who in America, Am Men & Women of Science.

FRESHWATER, David, Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-353-7897.
Grad Asst, MI St Univ (03) 23, 07, 08.
b. 1950 England; Citz: Canada; M.
BA 1972 Brock Univ; MA 1973 McMaster Univ, 1973-74 Univ of Guelph; 1974-76 MI St Univ.
Fields: 021, 060, 024, 088.
Lang: Fr 3-0-3.

FREY, Thomas L., 305 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 61801.
Assoc Professor, Univ of IL (03) 08, 09.
b. 1936 Illinois; M-2.
1954-56 W. IL St Univ; BS 1958, MS 1959, PhD 1970 Univ of IL.
Fields: 013, 096, 012, 134.
Prev Emp: Asst to Assoc Prof, Univ of NE, Lincoln, 1970-73; Mgr. Fed Land Bank Assoc, Woodstock IL, 1961-67; Fieldman, Blackhawk Prod Credit Assoc, Freeport IL 1959-61.
Mbr: ASFM&RA, FMA, NACTA.
Hon: Accredited Rur Appraiser-ASFM&RA; NDEA Fellowship 1967-70.

FRICK, George E., James Hall, Dept of Agr Econ, Univ of NH, Durham NH; 03824; PH 603-862-1700
Agr Econ, CED-ERS-USDA (16) 20.
b. 1920 New York; M-3.
BS 1943, MS 1947 Univ of CT.
Fields: 012.
Pub: Effect of Dairy Farm Size and Spatial Density on Regional Marketing Costs and Supply Firm Resource Use, NH Agr Exp Sta 1974.
Mbr: NAEC, Pres. 1974.
Hon: USDA Superior Serv Award-1954.

FRIEND, Reed E., 500 12th Street SW, GHI Bldg, Room 324, Washington DC 20250; PH 202-447-8651.
Ldr-Devl Countries, ERS-USDA (16) 06, 07.
b. 1931 Maryland; M-3.
BS 1958 Univ of MD; MS 1960 KS St Univ; PhD 1970 Univ of MD.
Fields: 114, 111, 112.
Prev Emp: Acting Chf, Far East Br, ERS-USDA, Wash. DC 1971-72; Ldr, Demand & Comp, Eur & Soviet Br, ERS-USDA, Wash. DC 1966-70; Labor Econ, Farm Rep Br, ERS-USDA, Wash. DC 1960-63.
Pub: Western Europe's Beef Production, Consumption and Trade, ERS 1974; Australia: Growth Potential of the Grain and Livestock Sectors, ERS 1972; Use of Wheat for Feed in the EEC and Projections to 1975, ERS 1971.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: IAAE.
Hon: Cert of Merit ERS-USDA, 1970; 1st Honors, Univ of MD 1958.

FRIESEN, Bruno A., Box 2700, Calgary, Alberta Canada T2P2P5; PH 403-267-4735.
Corp Sect., Alberta Wheat Pool (52) 05, 18, 19.
b. 1938 Canada; Citz: Canada; M-3.
BSA 1960 Univ of Saskatchewan; 1965-70 Univ of Calgary.
Fields: 012, 011,
Prev Emp: Econ, Alberta Wheat Pool Calgary 1965-71; Reg Farm Mgmt Spec. Alberta Dept of Agr, Calgary 1964-68.
Lang: Ger 2-3-3.
Mbr: AIC

FRIGERIO, Norberto, Apartado 6742, San Jose, Costa Rica, Central America; PH 21-3804.
Mktg Econ, IICA-OEA (67) 22, 08, 18.
b. 1933 Argentina; Citz: Argentina; M-2.
Agr 1958 Buenos Aires; MAE 1970, PhD 1973 MI St Univ.
Fields: 014, 015, 111, 073.
Prev Emp: Prof, Univ of Buenos Aires 1971-72; Tech Adv, Ntl Devl Council, Argentina 1963-67.
Pub: Alternative Wholesale Facility Arrangements for Fresh Fruits and Vegetables in the Buenos Aires Metropolitan Region, PhD Dissertation, MI St Univ 1973.
Lang: Spanish; Other: Eng 1-1-1, Fr 1-1-1.
Mbr: ArgAEA, Arg Center of Agr.

FRITSCH, Conrad F., 500 12th Street SW, Washington DC 20250; PH 202-447-4943.
Economist, USDA-ERS (16) 07.
b. 1936 New York; M-2.
BA 1967 AZ St Univ; MS 1968, PhD 1973 Cornell Univ.
Fields: 121, 123, 046.
Prev Emp: Asst Prof, TX A&M Univ, 1971-74; Res Assoc, Cornell Univ, Ithaca 1970-71.
Pub: Impact of Unemployment Insurance on New York Agriculture, PhD Dissertation Cornell Univ 1973; Rural Community Development Within a Political Benefit Vacuum Undergraduate Thesis 1967.
Lang: Por 2-3-2.
Mbr: NIFS.
Hon: Phi Kappa Phi; ATT Undergrad Th Awd.

FROHBERG, Klaus K., Dept of Agr Econ, Mumford Hall, Univ of Illinois, Urbana IL 61801. PH 217-333-8375.
Grad Res Asst, Univ of IL (03) 23, 07.
b. 1943 E. Germany; Citz: W. Germany; M.
Dipl Agr OEC 1971 Univ of Hohenheim; MS 1975 Univ of IL.
Fields: 011, 080.
Prev Emp: Res Asst, Univ of Hohenheim, Stuttgart, Germany 1971-73.
Lang: German.

FRUIN, Jeremiah E., Dept of Agr & Appl. Econ, COB 231, St Paul MN 55108; PH 612-376-3568.
Res Assoc, Univ of MN (03) 07.
b. 1936 IL; M-5.
BS 1958, MS 1959 Univ of IL; PhD 1971 Univ of CA, Berkeley.
Fields: 019, 084, 095, 100.
Prev Emp: Mgr, Mktg Serv, Hamm Brewing Co, St Paul MN 1968-73; Mgr, Mnfg Systems, Gen Mills, Minneapolis 1966-68; Res Spec, Univ of CA, Berkeley 1962-66.
Mbr: AEA, ASA.

FRYAR, Ed, 21 Lamplighter, Fayetteville AR 72701.

FRYE, Robert E., 1910 Franklin Avenue, McLean VA 22101.

FUCHS, Hilarius W., 5 MacIntosch Court, East Brunswick NJ 08816.

FUGLESTAD, Paul, 583 East Hall, Dept of Economics, IA St Univ, Ames IA 50011; PH 515-294-4422.
Agr Econ, USDA-ERS-NRED (16) 07.
b. 1943 Montana; M-2.
BS 1966, MS 1971 MT St Univ; PhD 1974 WA St Univ.
Fields: 075, 039,020, 035.
Pub: Tax Transfers Among Counties, WA St Univ, Dissertation 1974; Public Funds Flows, WAEA Proceedings 1974.
Mbr: WAEA; IA Academy of Science.

FULLER, Earl I., 249 Classroom Office Bldg. Univ of MN, St Paul MN 55108; PH 612-373-1145.
Professor, Univ of MN (03) 09, 07, 08.
b. 1928 Michigan; M-5.
BS 1955, MS 1957 MI St Univ; PhD 1965 Univ of MN.
Fields: 012, 011, 092, 084.
Prev Emp: Asst & Assoc Prof, Univ of MA, Amherst 1961-71; Res Fellow, Univ of MN, St Paul 1958-61.
Pub: Alt Sol Proc for Mixed Integer Prog Problems, JFE Dec 1964; An Inter-regional Quadratic Prog Model for Varying Degrees of Competition, MA Agr Exp Sta, Nov 1965; Sel of Mach System by Simulation Under Conditions of Uncertainty, Am Soc of Agr Eng, June 1966.
Lang: Sp 3-3-3, Fr 2-3-3.
Mbr: AEA; MN SFM&RA.
Hon: Who's Who in America; Am Men & Women of Science.

FULLER, Stephen W., Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 505-845-1943.
Assoc Professor, TX A&M Univ (03) 07, 08.
b. 1941 Kansas; M-2.
BS 1962, MS 1964 KS St Univ; PhD 1970 KS St Univ.
Fields: 014, 084, 019.
Prev Emp: Asst Prof, NM St Univ, Las Cruces 1970-74; Grain Merchandiser, Continental Grain Co, Ks City MO 1965-67.
Pub: A Modification of Modified Stollsteimer Model, SJAE 1975; Application of Plant Location Model, SJAE 1974; Centralized Cotton Ginning: A Locational Analysis, NM St Univ 1975.

FULLER, Varden, Dept of Agr Econ, Univ of CA, Davis CA 95616.
Prof. Emeritus, Univ of CA, Davis (02) 26, 07, 08.
b. 1909 Utah; M-3.
AB 1934, PhD 1939 Univ of CA.
Fields: 122, 121, 124, 046.

FULLER, Wayne A., 221 Snedecor, Stat Lab, Univ of Iowa, Ames IA 50011; PH 515-294-5242.
Professor, IA St Univ (03) 07, 08.
b. 1931 Iowa; M-2.
BS 1955, MS 1957, PhD 1959 IA St Univ.
Fields: 081, 011.
Mbr: ASA, Econometric Society.
Hon: ASA Fellow.

FULTON, Craig V., Dept of Econ, IA St Univ, Ames IA 50011; PH 515-294-8617.
Grad Student, IA St Univ (03) 23, 07, 09.
b. 1944 United Kingdom; Citz: Canada; U.
BSA 1967, MS 1971 Univ of Manitoba; PhD 1976 IA St Univ.
Fields: 011, 012, 013, 017.
Prev Emp: Grad Std, Univ of Manitoba, 1967-70; Std Asst, Univ of Manitoba '66-Std Asst, Agr Canada, Winnipeg, 1965.
Pub: Economics of Size in Hog Production Under Different Production Methods and Phases, CARD, IA St Univ 1975; A Selected Bibliography on the Relationship Between Agriculture and Water Quality, CARD, IA St Univ 1973; Economies of Size of Farm Machinery in Central Iowa, PhD Dissertation 1976.
Lang: Fr 3-3-3.
Mbr: CAES.

FULTON, Robert L., Off of Chf of Engineers, Civil Works, Forrestal Bldg (DAEN-CWR-P), Washington DC 20314; PH 202-693-6795.
Chf, Econ Off of Policy, U.S. Army Corp of Engineers (26) 18, 15, 06.
b. 1927 Colorado; M-1.
AS 1948 Mesa College; BS 1950, MS 1954 UT St Univ.
Fields: 021, 026, 035, 118.
Prev Emp: Resource Econ, BLM-US Dept of Interior, Washington DC 1963-65; Prog Off, U.S. Agency for Intl Devl, New Delhi, India 1960-62; Econ, State of CA, Sacramento, 1954-60.
Pub: Water Resources Planning in Urban Areas, Jour of Hyd Div, ASCE, 1975; Development of Water Resources in Appalachia, US Army Corp of Eng 1969; Principles and Studies for Planning Water and Land, US Water Res Coun 1970.
Mbr: AEA.

FUNK, Thomas F., Dept of Agr Econ, Univ of Guelph, Guelph, Ontario, Canada; PH 519-824-4120.
Assoc Prof, Univ of Guelph (03) 08, 07, 09.
b. 1943 Indiana; M.
BS 1965, MS 1968, PhD 1971 Purdue Univ.
Fields: 095, 014, 093.
Pub: A Model of the Farmer Buying Process, Feedstuffs 1975; An Analysis of Broiler Feed Buying Behavior, Univ of Guelph 1975; Cost Structure of Ontario Bulk Blenders, Univ of Guelph 1976.
Mbr: AMA, CAMA, CAES, Sec 1975-77.

FUNT, Richard C., Dept of Horticulture, Univ of MD, College Park MD 20742; PH 301-454-3607.
Asst Prof, Univ of MD (03) 09.
b. 1946 Pennsylvania; M.
BS 1968 DE Valley College; MS 1971, PhD 1974 PA St Univ.
Fields: 152, 011, 012.
Prev Emp: Grad Asst, PA St Univ 1968-74.
Pub: An Economic Analysis of Several Apple Orchard Systems in Pennsylvania, PA St Univ 1974.
Mbr: APS, ASHS.
Hon: Who's Who Among Am Colleges & Univ.

FURNISS, Ian F., Econ Br, Canada Dept of Agr, Ottawa, Ontario, Canada K1A0C5; PH 613-994-5571.
Head, Factor Mkts, Govt of Canada (26) 15, 19, 06.
b. 1923; Citz: Canada; U.
BSA 1946 Univ of Manitoba; MS 1951 Univ of MN; 1964-65, 1967-70 Purdue Univ.
Fields: 014, 052, 094, 101.
Prev Emp: Head, Factor Mkts, Econ Br, Canada Dept of Agr, Ottawa 1974; Prog Pln, Res, Econ Br, Can Dept of Agr, 1971; Chf, Farm Org & Eff, Can Dept of Agr, 1967.
Pub: Fertilizers-Outlook 1976, Can Farm Econ 1975; Fertilizers Outlook 1975, CFE 1975; Productivity of Canada Agriculture, CFE 1969.
Mbr: IAAE (Can. Council), Pres 1972-74; CAES, V. Pres. 1965.

FURTAN, William H., Dept of Agr Econ, Univ of Saskatchewan, Saskatoon, Canada S7N OWO; PH 306-343-2238.
Asst Prof, Univ of Saskatchewan (03) 08, 07.
b. 1948 Canada; Citz: Canada; M-2.
BSA 1971, MS 1972 Univ of Sask; PhD 1976 Purdue Univ.
Fields: 011, 062.
Pub: Heuristic Procedures in Sim, CJAE 1975; Quadratic Prog and Decision Marketing, Proceedings AIDS 1975.
Mbr: IAAE, AER, CAEA.
Hon: Gamma Sigma Delta, Sigma Chi.

FUTRELL, Gene A., 468 East Hall, Dept of Economics, IA St Univ, Ames IA 50011; PH 515-294-6780.
Prof & Ext Econ, IA St Univ (03) 09, 07, 01.
b. 1928 Iowa; M-4.
BS 1951, MS 1957 IA St Univ; PhD 1964 OH St Univ.
Fields: 016, 014, 018, 052.
Prev Emp: Ext Econ, OH St Univ, 1961-64; Ext Econ, IA St Univ 1958-60; Asst Mkt Editor, IA St Univ 1954-58.
Pub: Marketing Farm Products, IA St Univ Press 1969; Livestock Futures Markets, Doane Agr Service 1975; Iowa's Grain Elevator Industry; Factors Affecting Its Organization and Structural Adjustment, IA Agr Exp Sta 1973.
Hon: Epsilon Sigma Phi; Gamma Sigma Delta; Alpha Zeta.

GAARDER, Raymond O., Anderson St Office Bldg, Pierre SD 57501; PH 605-224-3375.
Mktg Spec, SD Dept of Agr (40) 18, 19, 06.
b. 1922 Montana; M-4.
BS 1949 Univ of MO; MS 1950 TX A&M Univ; PhD 1962 IA St Univ.
Fields: 014.
Prev Emp: Assoc Prof, SD St Univ 1969-73; Dir Res, Natl Livestock Prod, Denver CO 1963-69; Agr Econ, MED-ERS-USDA, Wash. DC 1957-63.
Pub: Marketing Systems...Beef, SD Agr Exp Sta Bull 604, 1972; Trends, Developments, Potentials, SD Beef, SD Agr Exp Sta Bull 585, 1971; Grades of Hogs Slaughtered in U.S., USDA-ERS (ERS 57) 1962.

GADSBY, Maxon D., ERS-USDA, Washington DC 20250; PH 202-447-8353.
Agr Econ, ERS-USDA (16) 07, 19, 06.
b. 1932 Iowa; M-2.
BS 1954 IA St College; MS 1960 IA St Univ; 1961 Univ of MN; 1961-62 Univ of Padua, Italy.
Fields: 026, 073, 013, 061.
Prev Emp: Ldr-Resource Devl, Nat Res Econ, ERS, Washington DC 1967-70; Assoc, Dept of Agr Econ, IA St Univ, 1962-63; Fulbright Scholar, Inst di Econ & Pol Agr, Univ of Padua, 1961-62.
Pub: Current Procedures Used in Evaluating Res Cons & Devl Projects, ERS Mis Pub No 1177, 1970; Capital & Credit, EAER, No. 27, 1965.
Lang: Ita 2-3-1, Fr 2-1-1.
Mbr: AEA, AAAS, Org Prof Empl of USDA, Brd of Directors 1975-76.
Hon: Who's Who in the East; Dict of the Intl Biography; Who's Who-Hon Soc of America; Gamma Sigma Delta; Superior Service Award-USDA 1966.

GAETANI-D'ARAGONA, Gabriele, Piazza 5 Maria Angeli A Pizzofalcone, Naples Italy; PH 081-415-812.
Professor, Univ of Naples, Italy (03) 08, 07, 23.
b. 1922 Italy; Citz: Italy; M-1.
Laurea 1947 Univ of Naples; PhD 1953 Cornell Univ; 1952-53 Harvard Univ.
Fields: 070, 110, 011, 030.
Prev Emp: Reg Govt, Potenza, Italy, 1970-75; Chamber of Commerce, Potenza, Italy 1965-73; Prof, Univ of Naples, Italy 1965-76.
Lang: Italian; Other: Fr 1-1-1, Eng 1-1-1.
Hon: Intl Who's Who.

GAILEY, Donald W., Box 1331, Amarillo TX 79180; PH 806-376-5181.
Asst V. Pres, First Natl Bank, Amarillo (54) 17, 13, 10.
b. 1943 Texas; M-3.
BS 1966 TX Tech Univ; MS 1973, MBA 1973 MI St Univ; 1974 --- MI St Univ (PhD).
Fields: 132, 013, 096, 094.
Prev Emp: Banking Off, 1st Natl Bank, Dallas TX 1974-75; Res Asst, MI St Univ 1970-73.
Pub: Migration from Agriculture, MS Dissertation, MI St Univ 1973.
Hon: Alumni Dir-Phi Kappa; Alpha Zeta; Beta Alpha Psi.

GALBRAITH, J. K., 207 Littauer Center, Harvard Univ, Cambridge MA 02138.

GALE, Hazen F., Room 523, Washington Bldg, 15th & New York Avenue, NW, Washington DC 20220.
Deputy Dir, Office of Raw Materials, Dept of Treasury (26) 06, 19.
b. 1934 New Hampshire; M-4.
BS 1956 Univ of NH; MS 1961 Univ of CT; 1964-65 Univ of MN; 1962-66 George Washington Univ.
Fields: 017, 016, 085, 050.
Prev Emp: Agr Econ, U.S. Cost of Living Council, Washington DC 1973-74; Agr Econ, USDA, Washington DC 1958-73.
Mbr: AEA.

GALIZZI, Giovanni, Facolta di Agraria, Piacenza, Italy 29100.
Head, Inst of Agr Econ & Policy, Univ Cattolica del S Cuore (03) 07, 08, 05.
b. 1927 Italy; Citz: Italy; M-3.
Laurea 1950 Univ of Milan; Professore Ordinario 1968; Libero Docente 1969.
Fields: 017, 101, 014, 015.
Prev Emp: Mbr of Brd of Dir, Sezione Credito Agrario Cariparo, Milano 1960; Mbr of Brd of Dir, Societa Prodotti Alimentari, Roma 1972.
Pub: Progresso Tecnico e Impresa Agricola, Bologna 1960; Localizzazione della Produzione Agricola, Milano 1964; Processi di Integrazione Verticale nella Produzione Ortofrutticola, Bologna 1968.
Lang: Italian; Other: Eng 1-2-3, Ger 1-2-3 Fr 1-2-2. Mbr: Soc Ital di Econ Agr;IAA

GALLASCH, Herman F. Jr., Societal Anal Dept, GM Res Labs, Tech Center, Warren MI 48090; PH 313-575-3082.
Sr Res Econ, Gen Motors Res Labs (51) 07, 22, 05.
b. 1944 Virginia; U.
BS 1966 Hampden-Sydney College; ME 1967, PhD 1973 NC St Univ.
Fields: 062, 052, 081, 121.

Prev Emp: Instr, NC St Univ, Raleigh, 1972-73; Instr, Davidson Co Comm College, Lexington NC 1967-70.
Pub: Minimum Wage and the Farm Labor Market, Southern Econ Jour 1975; Elasticity of Demand for Automobiles, GM International Pub 1975; Impact of Minimum Wage Legislation on Farm Labor Market, NC St Univ Dissertation July 1973.
Lang: Ger 3-3-3.
Mbr: AEA, SEA, NABE.
Hon: Kellogg Fellowship; Chi Beta Phi.

GALLOWAY, Frasier T., 1861 W. Broad Street, Athens GA 30601; PH 404-546-2236.
Stat-in-Charge, SRS-USDA (22) 06, 15, 14.
b. 1921 Alabama. M-3.
BS 1948, MS 1949 Auburn Univ; 1949-52 NC St Univ, Raleigh.
Fields: 011, 018, 016, 081.
Prev Emp: Stat-in-Chg, Crop & Livestock Rep Serv, USDA, Helena MT 1967-70; Livestock Stat, TX Crop & Livestock Rep Serv, USDA, Austin TX 1962-67; Agr Stat USDA, Crop Rep Brd, Washington DC 1957-62.
Pub: Influence of Light on Lot Feeding Hogs, Auburn Univ 1948; Where Oh Where Does My Little Lamb Go, Austin TX 1965; Georgia Agricultural Facts, Athens GA 1975.
Mbr: ASA, SAWA; Org Prof Empl-USDA, Pres Athens Chpt 1975-76.
Hon: Personalities of the South 1976.

GAMBLE, Hays B., Land & Water Res Bldg, University Park PA 16802; PH 814-863-0291.
Professor, PA St Univ (03) 02, 07, 08.
b. 1922 New York; M-4.
BS 1947, MS 1962, PhD 1966 PA St Univ.
Fields: 026, 038, 035, 031.
Prev Emp: Allied Chemical Corp, NY, 1957-60; Self-Employed, PA 1947-57.
Pub: Highway Effects on Land Values, Natl Research Council 1974; Rating Environmental Quality, JNAEC 1974; Econ Structure of Sullivan County, Agr Exp Sta Bull 743, PA St Univ 1967.
Mbr: AEA, SAF, RSA.
Hon: Am Men & Women of Science.

GAMBLE, John C., Dept of Agr Econ, Univ of KY, Lexington KY 40506; PH 606-257-2766.
Asst Ext Professor, Univ of KY (03) 09.
b. 1940 Nebraska; M-3.
BS 1963 IA St Univ; MS 1969 Auburn Univ; PhD 1973 Univ of IL.
Fields: 014, 018, 016, 019.
Prev Emp: Res Asst, Univ of IL 1969-72; Res Asst, Auburn Univ 1967-69; Field Rep, Metro Life, Mason City IA 1966-67.
Pub: Econ Impact of Alt Environmental Reg & Waste Mgmt System on Illinois Hog Producers, Urbana IL 1973; Present and Future Markets for Kentucky Major Agr Products, Lexington KY 1974; An Analysis of Agr Credit in Wiregrass Area of Alabama, Auburn AL 1970.
Mbr: SAEA; SFM&RA (KY).
Hon: Phi Kappa Phi; Gamma Sigma Delta.

GAMBRELL, Lawrence A., Room 1101, South Bldg, Washington DC 20250; PH 202-447-2087.
Agr Stat, USDA (22) 27.
b. 1940 South Carolina; M-1.
BS 1963 Clemson Univ.
Fields: 091, 093, 083.
Prev Emp: Asst Stat in Charge, ERS-USDA, Trenton NJ 1973-76; Agr Stat, ERS-USDA, Washington DC 1970.

GARCHA, Bikramjit S., Dept of Quantitative Methods, GA St Univ, Atlanta GA 30303; PH 404-658-4008.
Assoc Prof, GA St Univ (03) 08, 07.
b. 1933 India; Citz: USA; M-2.
BA 1954, MA 1958 Punjab Univ, India; PhD 1963 OH St Univ.
Fields: 082, 011, 014.
Prev Emp: Prof, Southern Univ, 1968-70; Bus Econ, DCM, Delhi, India 1965-68; Assoc Prof, Langston Univ, OK, 1963-64.
Pub: Demand Analysis for Ohio Greenhouse Tomatoes, Dissertation 1963; Decision Process Used in Achieving Certain Goal, Proceedings of AIDS 1973.
Lang: Punjabi; Other: Eng 1-1-1, Urdu 1-1-1.
Mbr: AEA, AIDS.

GARCIA, Jose B., Apartado 59, 108 Chaguaramos, Caracas, Venezuela.

GARCIA-FERRER, Antonio, Dept of Agr Econ, Univ of CA, Berkeley CA 94720; PH 415-642-2619.
Student (03) 23.
b. 1950 Spain; Citz: Spain; U.
Licenciado 1973 UAM Madrid; 1974 to present, PhD Cand, Univ of CA, Berkeley.
Fields: 081, 016, 073, 063.
Prev Emp: Sr Econ, M de Planificacion, Madrid, 1973-74.
Pub: Espacio y Transporte en Valencia, ICE 1974; Multicollinearity & Linear Regr., Revista Espanola Economia 1976.
Lang: Spanish; Other: Eng 1-1-1, Fr 3-2-2.
Mbr: Econometrica.

GARCIA-RIVERO, Guzman P., Colonia 892, 5 Piso, Montevideo, Uruguay; PH 98-3465.
Planning Exp, Ministry of Agr (78) 18, 15, 19.
b. 1945 Uruguay; Citz: Uruguay; M.

Agr Eng, 1970 Univ of Uruguay; MS 1975 Univ of WI, Madison.
Fields: 077, 084, 081, 011.
Lang: Spanish; Other: Eng 1-1-1, Fr 1-2-2.

GARDINER, Eugene A., Mins of Agr, Tubman Blvd, Monrovia, Liberia.

GARDINER, Walter H., Dept of Agr Econ, Univ of MD, College Park MD 20742; PH 301-454-3810.
Grad Res Asst, Univ of MD (03) 23, 07.
b. 1952 Washington DC; U.
BSE 1974 MT St Mary's College; MS 1975 Univ of MD.
Fields: 073, 018, 083, 121.
Prev Emp: Res Asst, Dr Vidya N Singh, Washington DC 1974-75.
Pub: Combining Farm and Non-Farm Labor Employment Opportunities, Univ of MD 1975.
Lang: Ger 2-2-2.
Mbr: AEGS Sec 1975-76.
Hon: Who's Who in America; Delta Epsilon Sigma; Alpha Mu Gamma.

GARDNER, B. Delworth, Econ Dept, UT St Univ, Logan UT 84322; PH 801-752-4100.
Prof & Dept Head, UT St Univ (03) 07, 02, 08.
b. 1928 Wyoming; M-3.
BS 1952, MS 1954 Univ of WY; PhD 1960 Univ of Chicago.
Fields: 021, 030, 062.
Prev Emp: Assoc Prof, Brigham Young Univ, Provo UT 1959-62; Vstg Prof, Univ of CA Berkeley 1965; Asst Prof, CO St Univ, Ft Collins 1957-59.
Pub: Water Pricing in Iran, Water Res. Research 1974; Agric and Salinity Control in Colorado River Basin, Nat Res Jour 1975; Regional Growth and Water Resource Investment, D.C. Heath and Company 1973.
Lang: Sp 3-0-0.
Mbr: AEA, WEA, WAEA, Pres 1972.
Hon: Dir of Am Scholars; Am Men & Women of Science; Who's Who in the West.

GARDNER, Bruce Lynn, Council of Econ Adv, Washington DC 20506; PH 202-395-5056.
Sr Staff Econ, Council of Econ Adv (26) 27, 07.
b. 1942 Illinois; M-2.
BS 1964 Univ of IL; PhD 1968 Univ of Chicago.
Fields: 016, 017, 047, 014.
Prev Emp: Asst-Assoc Prof, NC St Univ, Raleigh 1968-76.
Pub: The Farm-Retail Price Spread in a Competitive Food Industry, AJAE 1975; Farm Population Decline and the Increase of Rural Families, AJAE 1974; Econ of the Size of NC Rural Families, JPE, 1973.
Mbr: AEA.

GARDNER, I. Leonard, 1701 Towanda Ave, Bloomington IL 61701; PH 309-828-0021.
Sec, IL Agr Assoc (70) 18, 04, 10.
b. 1934 Illinois; M-1.
BS 1955, MS 1958 Univ of IL.
Fields: 017, 112, 020.
Prev Emp: Asst to Pres, IAA, Bloomington, 1963-69; Assoc Dir of Res, IAA, Bloomington 1956-63.

GARDNER, J. J., RR # 3, c/o P. Richards, Rockwood, Ontario, Canada N0B 2K0.

GARDNER, Mark L., PO Box 218, Dept of Bus, Campbell College, Buies Creek NC 27506; PH 919-893-2311.
Asst Professor, Campbell College (03) 08, 07, 14.
b. 1945 New York; M-1.
AB 1967 Kenyon College; MA 1968 Vanderbilt Univ; MA 1972 Duke Univ; 1965-66 Am Univ of Beirut.
Fields: 060, 131, 102, 073.
Prev Emp: Instr, E. IL Univ, Charleston IL 1970-71; Instr., Cuttington College, Liberia 1968-70.
Pub: Prospects for Development of Liberia's Ag Sector, Liberian Studies Journal 1971; Rural Liberian Agriculture-Bibliography, Rural Africana, 1972.
Lang: Fr 1-3-2, Rus 1-3-2.
Mbr: AAUP, SEA.

GARLOW, David C., 268 Allison Avenue, Morgantown WV 26505.

GAROYAN, Leon, Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-1541.
Professor, Univ of CA, Davis (03) 09, 07, 08.
b. 1925 USA; M-2.
BS 1947 CA Polytechnic; MS 1956, PhD 1959 Univ of WI, Madison.
Fields: 014, 100, 015, 091.
Prev Emp: Prof, OR St Univ, 1959-70; Staff Econ, USDA-Off of the Secr, Washington DC 1953; Instr, Univ of WI, Madison, 1956-59.
Pub: Market Structure-Grocery Retailing, Univ of WI 1960; The Board of Directors, OR St Univ 1964; Economics of Conglomerote Growth, OR St Univ 1969.
Lang: Armenian 0-0-2, Sp 2-0-0.
Mbr: WAEA, V. Pres 1971.
Hon: Am Men & Women of Science; Who's Who in the West; Natl Coop Educ Award; Distinguished Serv Citation, Assoc of Coops.

GARRETT, James R., Price & Labor Branch, Agr Est Div, SRS-USDA, Washington DC 20250; PH 202-447-4830.
Head, Farm Labor Section, USDA (22) 06, 15.
b. 1922 Indiana; M-2.
BS 1944 Purdue Univ.
Fields: 012.
Prev Emp: Asst Stat-in-Charge, USDA, Purdue Univ 1963-73; Agr Stat, USDA, Washington DC 1958-63; Asst Stat-in-Charge, USDA, Trenton NJ 1953-58.
Mbr: OPEDA, Pres. Local Chpt.

GARRIDO, Leovigildo E., Nunez de Balboa 12, Madrid 1, Spain.
Professor, Universidad Politecnia-Madrid (03) 05, 07, 18.
b. 1924 Spain; Citz: Spain; M-5.
Dr Ing Agr 1953, Econ 1966 Univ of Madrid.
Fields: 022, 017, 063, 016.
Prev Emp: Ingeniero, Agr & Price Policy, Madrid, 1970's; Ingeniero, Reforma y Desarrollo Agr, Madrid, 1960's; Ingeniero, Land Consolidation, Madrid 1950's.
Lang: Spanish; Other: Fr 1-2-2, Eng 1-2-2.
Mbr: AEA; Europe AEA; UK AEA.

GARROD, Peter V., 2545 The Mall, Bilger 210B, Honolulu HI 96822; PH 808-948-8800.
Asst Professor, Univ of HI (03) 07, 08.
b. 1943 California; D.
BS 1966 Univ of CA, Davis; MS 1967, PhD 1972 Univ of CA, Berkeley.
Fields: 010, 019, 081.
Pub: Estimation of Demand for Agr Commodities, AJAE 1976.
Lang: Sp 1-2-1.
Mbr: AEA.

GASSER, William R., ERS-USDA, 500 12th Street SW, Washington DC 22050; PH 202-447-8228.
Deputy Div Dir, ERS-USDA (16) 06, 07.
b. 1923 Wisconsin; M-4.
BS 1949, MS 1950, 1961-62 IA St Univ.
Fields: 110, 152.

GATES, John M., Dept of Resource Econ, Univ of Rhode Island, Kingston RI 02881; PH 401-792-2472.
Assoc Professor, Univ of Rhode Island (03) 07, 08, 09.
b. 1941 Canada; M-2.
Diploma 1960 NS Agr College; BS 1962 McGill Univ; MS 1965 Univ of CT; PhD 1969 Univ of CA, Berkeley.
Fields: 024, 081, 062, 011.
Pub: Demand Price Fish Size & the Price of Fish, CJAE, 1974; Optimizing the Growth and Marketing of Fish in a Controlled Environment, Marine Tech Soc Jour 1974; Costs and Returns of Fishermen in the Massachusetts Inshore Lobster Fishery, Jour NAEC 1975.
Lang: Fr 3-3-0, Sp 3-0-0.
Mbr: AEA, CJAE, MTS.
Hon: Am Men & Women of Science.

GAUTHIER, Wayne M., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-0122.
Grad Res Asst, OK St Univ (03) 07.
b. 1943 Louisiana; U.
BS 1965 LA St Univ; MS 1968 Purdue Univ.
Fields: 014, 141.
Prev Emp: Capt, USAF, TX & Taiwan, 1967-71; Grad Res Asst, Purdue Univ, W. Lafayette IN 1965-67; Res Aide, LA St Univ, Baton Rouge 1963-65.
Pub: The Influence of the Pork Belly Futures Market Upon the Stability of Cash Pork Belly Prices., W Lafayette IN 1968.
Mbr: SAEA.
Hon: Gamma Sigma Delta; Alpha Zeta; OSU Grad Excellence Award, 1971; Purdue Univ Fellowship 1965-66; Dean Lee Mem Scholarship 1961.

GAVETT, Earle E., 120 - 500 12th Street SW, Washington DC 20250; PH 202-447-4943.
Coordinator Energy Res, ERS-USDA (16) 07.
b. 1925 Maine; M-3.
BS 1952, MS 1955 Univ of ME; 1967 Univ of MD.
Fields: 011, 014, 015, 016.
Prev Emp: Asst Agr Econ, ME Agr Exp Sta, Orono ME 1953-56.
Pub: The U.S. Food & Fiber Sector: Energy Used Outlook U.S. Senate Print, GPO, Washington DC 1974; Can We De-Mechanize Agriculture? Jour NAEC 1975.
Mbr: NAEC.
Hon: Alpha Zeta.

GAZAWAY, H. P., 181 Behrends Avenue, Juneau AK 99801.

GEHLING, Gerald J., AMPI Midstates Reg, 8550 W Bryn Mawr Avenue, Chicago IL 60631; PH 312-693-5000.
Reg Assoc Mgr, Assoc Milk Prods, Inc. (52) 10, 18, 11.
b. 1943 Iowa; D-3.
BA 1965 St Benedicts; MS 1968, 1967-70 KS St Univ.
Fields: 014, 016, 017, 093.
Prev Emp: Dir of Plng & Mkt Anal, AMPI, Chicago 1972-74; Econ, AMPI, San Antonio 1970-72; Res Asst, KS St Univ, Manhattan 1969-70.
Hon: Who's Who in Am Colleges & Univ; Cum Laude, St. Benedicts.

GEHRES, Donald J., ERS-USDA, Devl Div, Room 3532-S, Washington DC 20250; PH 202-447-3831.
Agr Econ, ERS-USDA (16) 02, 22.
b. 1926 Ohio; M-4.
BS 1951, MS 1953 OH St Univ.
Fields: 014, 031.
Prev Emp: Prog Spec, Farmer Coop Serv, USDA, NC&FL; Coop Spec., Coop League of USA, Guatemala, 1966-68; Prog Off, AID, Cambodia, 1958-60.
Lang: Sp 2-3-2, Ger 3-3-2.

GEIS, Alvin C., 32I, 1285 Ave of the Americas, New York NY 10019; PH 212-554, 3042.
Asst Mgr, Equitable Life Assurance Soc. (50) 17.
b. 1933 Oklahoma; M-2.
BS 1959, MS 1965 OK St Univ; 1966 Phillips Univ; 1971-76 NY Univ.
Fields: 013, 094, 096, 158.
Prev Emp: Asst Reg Mgr, The Equitable, KS City MO 1969; Area Loan Mgr, The Equitable, Enid OK 1962; Asst Bus. Anal, Wichita Bank for Coops, Wichita KS 1960.
Pub: A Business Study of Single Unit Cooperative Grain Elevators, OK St Univ 1960.
Mbr: FMA; CAES; WEA.
Hon: Pi Gamma Mu; Alpha Zeta.

GEISS, Wilbert C. Jr., Agr Tech Inst Dept of Agr Bus., Wooster OH.
Instr, OH St Univ (03) 08.
b. 1947 Ohio; M- 3.
BS 1969 OH St Univ; MS 1971 Univ of ME.
Fields: 014, 013, 141.
Prev Emp: Mktg Spec, Farm Credit Banks of Springfield MA 1973; Instr, Univ of ME, Orono 1971.
Pub: Capital Accumulation Potential on Maine Broiler Farms, Univ of ME 1971; Estimated Cash Flows and Profitability of Maine Broiler Farms, Univ of ME 1971; Costs & Returns on Maine Apple Farms, Univ of ME 1973.
Mbr: NAEC; Am Polled Hereford Assoc; Buckeye Polled Hereford Assoc.

GEISTFELD, Loren V., Sch of Home Econ, Purdue Univ, W Lafayette IN 47907; PH 317-494-8410.
Asst Professor, Purdue Univ (03) 07, 08.
b. 1945 Minnesota; M-2.
BA 1967 Macalester College; PhD 1974 Univ of MN.
Fields: 053, 052, 040.
Prev Emp: Res Asst, Univ of MN 1969-73; Teaching Asst, Univ of MN 1968-69.
Pub: The Life Insurance Deficit of American Families: A Pilot Study, Jour of Consumer Affairs 1974; Factors Which Relate to Non-Group Life Insurance Holdings of Families: A Pilot Study, Proceedings, ACCI 1975; A Technical Efficiency Approach to Consumer Decision Making, PhD Thesis Univ of MN 1974.
Lang: Ger 3-3-3.
Mbr: AEA; ACR; ACCI.
Hon: Gamma Sigma Delta.

GEMMILL, Gordon T., Dept of Econ, Wye Coll. Univ of London, Ashford, Kent, England.
Lecturer, Wye College, Univ of London (03) 08, 07.
b. 1947 UK; Citz: UK; M.
BS 1968 London; MS 1969 Reading; MA 1975, PhD 1976 MI St Univ.
Fields: 081, 111, 060, 070.
Prev Emp: Res Asst MI St Univ 1972-75; Lecturer, Univ of Malawi, Africa 1969-71.
Pub: The World Sugar Economy, PhD Thesis MI St Univ 1976; A Framework for Research on Agricultural Mechanization in LDC's MI St Univ 1973.
Lang: Fr 1-3-2, Ger 2-2-1.
Mbr: AEA, BAES.

GENEREUX, Douglas G., Agr Mgmt Dept, CA Polytechnic St Univ, San Luis Obispo CA 93407; PH 805-546-2348.
Assoc Prof, CA Polytechnic St Univ (03) 08.
b. 1940 Nebraska; M-3.
1959-60, St Thomas Seminary, Denver CO; BS 1964, MS 1969 Univ of NE.
Fields: 092, 053, 012, 017.
Prev Emp: Res Assoc, Mgmt Res Assoc, 1969-70; Asst to Campus Coord, Intl Prog, Univ of NE, Lincoln 1967-69; Voc Agr Instr, Nehawka High School, 1964-66.
Pub: 951 Replacement Farmers Needed in Nebraska Annually, Agr Educ Report 1967.
Lang: Sp 3-3-3.

GERALD, John O., Room 250, 500 12th Street SW, TE-NEAD-ERS-USDA, Washington DC 20250; PH 202-447-6363.
Prog Ldr, TE-NEAD-ERS-USDA (16) 06, 07, 08.
b. 1923 South Carolina; M-2.
BS 1948 Clemson Univ; PhD 1968 NC St Univ.
Fields: 019, 014, 018.
Prev Emp: Asst Chf, ERS, Wash. DC 1967-73; Recording Sec. W. Assn Agr Exp Sta Dirs, Berkeley CA 1960-65; Agr Econ USDA, Wash. DC 1948-60.

Pub: Transportation in Rural America, US Senate, Committee Print 1975; Agricultural Exports & the Freight Car Situation, USDA 1973; Freight Car Situation and Prospects, USDA 1966.
Mbr: AAAS; ASA; WAEA, Sec-Tres 1960-65.
Hon: Am Men & Women of Science; Hon. Lifetime Mbr WAEA; Certificate of Merit, ERS; Adm Blue Ribbon Award, FAS-USDA.

GERGEN, William J., Successful Farming, 1716 Locust Street, Des Moines IA 50336; PH 515-284-9587.
Farm Mgmt Asst Editor, Meredith Corp (54) 27.
b. 1951 USA; U.
BS 1973 Univ of MN.
Fields: 159.
Mbr: ASFM&RA.

GERKE, Eugene E., Super Market Inst, Inc. 303 E. Ohio Street, Chicago IL 60611; PH 312-467-7150.
Mgr Econ Anal, Super Market Inst Inc (53) 07, 15, 10.
b. 1950 Missouri; M.
BS 1972 Univ of MO; MS 1974 Purdue Univ.
Fields: 015, 090, 051, 018.
Prev Emp: Res Asst, Purdue Univ, 1972-74; Stat, USDA-Stat Rep Serv, Columbia MO 1972.
Pub: An Example of Financial Analysis for the Non-Financial Executive, Super Market Institute, 1975.
Mbr: MO Alumni Assoc.
Hon: Who's Who in Am Colleges & Univ 1971.

GERUCHI, Joemuri D., Bureau of Fisheries & Aquatic Resources, Intramuros, Manila 2801 Philippines.

GERTEL, Karl, NRED-ERS-USDA, 500 12th Street SW, Washington DC 20250; PH 202-447-8355.
Agr Econ (GS 14) NRED-USDA (16) 07, 06.
b. 1925 Austria; Citz: USA; M-2.
BS 1948 Cornell Univ; MS 1949, PhD 1954 IA St Univ.
Fields: 021, 073, 043, 118.
Prev Emp: Lecturer, Univ of HI, Honolulu 1965-71; Consultant, FAO, Recife, Brazil 1963-64.
Pub: Price and Assessment Guides to Western Water, Allocation, JFE 1960; Hawaii's Experience in Zoning, HI Agr Exp Sta Rep #172, 1969; Environmental Aspects of Multiobjective Planning, Western Agr Res Council 1972.
Lang: German; Other Fr 2-1-2, Por 2-1-2.
Hon: Superior Service Award, USDA 1974; Phi Kappa Phi.

GESSAMAN, Paul H., Dept of Agr Econ, Univ of NE, Lincoln NE 68583; PH 402-472-3401.
Assoc Professor, Univ of NE (03) 07, 09.
b. 1931 Montana; M.
BS 1966, MS 1967 MT St Univ; PhD 1970 Cornell Univ.
Fields: 031, 032, 039.
Prev Emp: Grad Fellow, Cornell Univ, 1967-70; Grad Fellow, MT St Univ 1966-67; Farmer, Self-employed, MT 1949-61.
Pub: A Comparison of Some Multivariate Discrimination Procedures, Jour of Am Stat Assn 1972; Public Service Delivery in Rural Areas, AJAE 1974.
Lang: Sp 3-0-3.
Mbr: WAEA, CDS.
Hon: Phi Kappa Phi, NSF Fellowship; Herbert H. Lehman Fellowship.

GEYER, L. Leon, 2133 Rayburn Bldg, House of Rep, Washington DC 20515; PH 202-225-5271.
Staff Consultant, House Agr Committee (78) 18.
b. 1947 Indiana; M.
BS 1969 Purdue Univ; JD 1972 Notre Dame Univ; LLM 1976 George Washington Univ.
Fields: 017, 112, 118, 102.
Prev Emp: Legislative Asst, Miles Labs, Washington DC 1973-75; Attorney, Miles Labs, Elkhart & Washington DC.
Pub: Title VI and Increase in Employment Opportunities, NC Central Law Jour 1972.
Mbr: Am, IN, DC & Fed. Bar Assoc.

GIAEVER, Harald B., Dept of Agr Econ, Agr Univ of Norway, 1432 Aas, Norway; PH 02-94-0060.
Professor, Agr Univ of Norway (03) 08, 07, 02.
b. 1927 Norway; Citz: Norway; M-3.
BS 1954 Agr College of Norway; MS 1959 NC St College; PhD 1966 Univ of CA.
Fields: 012.
Prev Emp: Postdoct Scholar, Agr Coll of Norway, Aas, Norway, 1965-67; Res Assoc, Norwegian Inst of Agr Econ, Oslo, Norway 1957-62; Farm Mgmt Adv, Nor Inst of Agr Econ, Ramnes, Norway 1954-57.
Lang: Norwegian; Other: Eng 1-1-1, Ger 2-3-3.
Mbr: Scandinavian Assoc of Agr Res Workers, Chrmn-Econ Sect-1970-71.

GIBBONS, James R., E MI Univ, Ypsilanti MI 48197; PH 313-487-0004.
Assoc Prof, E MI Univ (03) 08, 07.
b. 1920 Illinois; M-3.
BS 1944, MS 1946 U of IL; PhD 1963 IA St Univ.
Fields: 062, 037, 011, 080.
Prev Emp: Asst Prof, U of Detroit 1963-67; Asst Prof, WI St Univ 1961-63.
Pub: Res. Guide in Economics, General Learning Press 1974; Cost Economies in Cattle Feeding & Combinations for Maximization of Profit, Stability, IA St Univ 1968; Spec. & Pork Prod. Methods in Relation to Overall Farm Resource Use & Integration, IA St Univ 1961.
Mbr: AEA, MEA, ASA, Sec Detroit Chpt.

GIBBS, Christopher J.N., Comm. Improvement Corp, 297 Queen Street, Fredericton NB CANADA.

GIBBS, Kenneth C., Dept of Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-1806.
Vstg Assoc Prof, WA St Univ (03) 07.
b. 1941 Colorado; M-3.
BS 1964 CO St U; MS 1966, PhD 1969 OR St U.
Fields: 025, 023, 024, 021.
Prev Emp: Asst-Assoc Prof, Univ of FL 1969--; Asst Agr Econ OR St U 1967-69.
Pub: An Optimum Water Allocation Model Based on an Anal. for the Kissimmee River Basin, Water Res Research Ctr 1973; Econ of Water Oriented Outdoor Recreation FL Agr Exp Sta 1975; Evaluation of Outdoor Rec. Resources, Land Econ 1974.
Lang: Sp 3-0-0.
Mbr: WAEA, SAEA, NPA.
Hon: Am Men & Women of Sci; Who's Who in the Southeast; PKP; GSD.

GIBSON, James A., Dept of Econ, IA St U., Ames IA 50011; PH 515-294-2210.
Res Assoc, IA St Univ (03) 07, 08.
b. 1948 California; U.
BS 1971 U of CA, Davis; PhD 1976 IA St U.
Fields: 010, 020, 030, 070.
Pub: Possible Impacts of U.S. Domestic Env. Policies on Less Developed Countries Trade Investment & For. Aid, Env. Affairs, Boston 1974.
Hon: GSD; PKP; Outstanding Grad Sr, U of CA, Davis, Dept of Agr Econ 1971.

GIBSON, M.J., T&10-NA Ford Motor Co., 2500 E Maple Road, Troy MI 48084.

GIEBINK, Gilbert G., Agr Econ Dept, MT St Univ, Bozeman MT 59715.
Prof & Attorney, MT St U. & Self-Employed (03) & (75) 08, 17, 10.
b. 1915 North Dakota; M-5.
BA 1937, JD 1940 Univ of MN.
Fields: 094, 091, 013.
Prev Emp: Attorney, Self-Emp., Bozeman MT 1970- --; Fin. V. Pres. Peavey Co. MN 1952-59; Treas. Peavy Co MN 1952-59.
Mbr: AFA; Am & MT Bar Assoc.

GIFFORD, Claude W., 402 Adm Bldg, Wash. DC 20250; PH 202-447-5247.
Dir of Communication, USDA (23) 06.
b. 1919 Illinois; M-1.
BS 1946 IA St Univ.
Fields: 017, 014, 012.
Prev Emp: Econ Ed, Farm Jour Mag, Philadelphia PA 1948-71.
Mbr: Am Agr Edt Assoc, Natl Pres 1968; ASFM&RA.
Hon: Who's Who in Govt; Natl Geigy Award for Farm Mag Editorial Writing; DeKalb "Oscar in Agr; Natl Award for Mag. Feature Writing.

GIFFORD, John Irving, Deere & Co., John Deere Road, Moline IL 61265; PH 309-792-4255.
Mgr, Data Services (51) 05, 07.
b. 1930 New York; M-2.
BS 1952, MS 1956 Purdue Univ.
Fields: 091, 095.
Prev Emp: Mgr, Gen. Office Personnel, Deere & Co. 1966-70; Econ, Deere & Co, 1960-66.
Pub: Farmers Selection of Farm Machinery Dealers, Jour of Mktg 1957; Farmers Selection of Hog Markets, JFE 1957.
Mbr: ASA.

GILBERT, Elon H., PO Box 2368, Lagos, Nigeria; PH 275-25.
Prog Adv, Ford Found (72) 18, 19, 22.
b. 1939 California; M-2.
BA 1961, MA 1963, PhD 1969 Stanford Univ.
Fields: 014, 017, 015, 077.
Prev Emp: Proj Spec, Ford Found, Nigeria 1973-74; Adv, Harvard Devl Adv Service Ghana 1969-72.
Lang: Fr 2-3-2, Hausa 0-0-3.
Mbr: AEA; ASA; SID.

GILBERT, Howard A., Dept of Econ, SD St Univ, Brookings SD 57006; PH 605-688-4141.
Assoc Prof, SD St Univ (03) 08, 02.
b. 1935 Washington; M-4.
BA 1957 Central Bible College; 1959 Everett WA Comm College; BS 1961, MA 1962 WA St Univ; PhD 1967 OR St Univ.
Fields: 062, 014, 095, 017.
Prev Emp: Asst Agr Econ, OR St Univ 1964-66; Res Asst, OR St U. 1962-64; Res Asst, Wa St Univ 1961-62.
Pub: Farmers View Voc & Res Adjustment, SD St Univ 1973; Recognizing Pers Charac re: Mgl. Potential, SD St U. 1971; Effects of Prop Agrl Prog on E. Wash. Farms, WA St Univ 1964.
Lang: Sp 3-0-0.
Mbr: WAEA, AEA, WEA.
Hon: PKP; Who's Who in Am; American Men & Women of Sci; Outstanding Educators of Am; Outstanding Tchr of the Year.

GILCHRIST, Varge, Sir John Carling Bldg, Carling Avenue, Ottawa, Ontario, Canada; PH 613-994-9507.
Dir Res Div, Econ Branch-Agr Canada (26) 06, 07, 18.
b. 1916 Canada; Citz: Canada; M-6.
BS 1949, MA 1952 Univ of Alberta; PhD 1963 OR St Univ.
Fields: 011, 014, 016, 017.
Prev Emp: Canadian Govt, 1949 to present.
Pub: Capital Accumulation in the Agricultural Firm-Household, OR St Univ Dissertation 1963; Projecting Capital Accumulation for the Agricultural Firm-Household, CJAE 1966; A Pilot Study of Income Alternatives Affecting the Movement of Farm Operators out of Agriculture, CJAE 1963.
Lang: Fr 1-1-1.
Mbr: Ont Inst of Agr; CAES, V. Pres 1964; Edit Comm. 1963-65; Agr Inst of Canada, Mbr Natl Council 1972-74.

GILDT, Lois C., Lionel D Edie & Co, Investment Counselors Econ Consultants, 530 Fifth Avenue, New York NY 10036.

GILE, Bueford M. 2195 Kleinart, Baton Rouge LA 70806; PH 504-383-7921.
Prof Emeritus & Econ (retired) (03) 17, 22, 26.
b. 1886 Wisconsin; M-2.
BS 1913 Univ of WI; MA 1925, PhD 1927 Univ of MN.
Fields: 013, 011, 094.
Prev Emp: Dir, Reg Fed Land Utilization Prog, AR, LA, MS, 1934-38; Res Econ & Prof, Univ of AR, Fayetteville 1927-34; Res Assoc, Univ of MN, St Paul 1924-27.
Pub: The Farm Credit Situation in Minnesota, MN Agr Exp Sta Bull 55, 1928; Organization & Management of Agr Credit Corp in Arkansas, AR exp Sta #259, 1931; Farmers Coop Credit Institutions in Louisiana, LA Exp Sta Bull #470, 1952.
Lang: Ger 2-3-3.
Mbr: AFB; SAWA, Prog Chmn for Agr Econ, SWSSA.
Hon: Alpha Zeta, Who's Who in Am.

GILES, Howard C., Dept of Econ, Murray St Univ, Murray KY 42071; PH 502-762-4188.
Prof & Chairman, Murray St Univ (03) 08, 02, 07.
b. 1926 Kentucky; M-2.
BS 1949, MS 1957 Univ of KY; PhD 1959 Purdue Univ.
Fields: 062, 018.
Prev Emp: Asst Mkt Spec, Univ of FL, Gainesville FL 1959-64.
Mbr: SEA.
Hon: Am Men & Women of Science; Sigma Chi; Who's Who in South & Southwest.

GILL, Gurmukh S., 12th & Pennsylvania, NPO, NW, Washington DC 20004; PH 202-961-7858.
Dir, Anal & Eval, Fed Energy Adm (26) 18, 19, 01.
b. 1930 India; M-2.
FS 1949, BS 1951 Punjab Univ, India; MS 1969 Univ of NH; PhD 1972 Univ of CA, Berkeley.
Fields: 020, 081, 100, 011.
Prev Emp: Econ, Oak Ridge Natl Lab, TN, 1972-75; Group Ldr, Policy & Anal, Oak Ridge, Natl Lab TN 1975.
Pub: Interfuel Substitution, the Case of Electricity and Natural Gas, Anals of Regional Science 1976; Public Price Support as an Incentive to the Use of Solid Waste as a Resource, Jour of Solid Waste Recycling 1971; Agrarian Structure in Relation to Farm Investment Decisions, AJAE 1968.
Lang: Punjabi; Other: Eng 1-1-1, Urdu 1-1-1, Hindi 1-1-1.
Mbr: AEA.
Hon: Personalities of the South; Omicron Delta Epsilon; Univ of CA Fellowship.

GILLASPIE, Richard L., Box 141, Route 1, Hanna City IL 61536.

GILLESPIE, Glenn A., Dept of Recreation & Park Adm, 625 Clark Hall, Columbia MO 65201; PH 314-882-6261.
Professor & Chairman, Univ of MO (03) 02, 09, 07.
b. 1924 Missouri; M-3.
BS 1959, PhD 1966 Univ of MO.
Fields: 025, 021, 026.
Prev Emp: Recr Spec, Univ of MO & USDA, Columbia, 1967-70; Resource Econ, USDA, Little Rock AR 1966-67.
Pub: The Demand for Water Oriented Recreation, Univ of MO 1966; Socio Economic Factors Affecting Participation in Water Oriented Outdoor Recreation, ERS-USDA 1969; Effects of Non Price Variables Upon Participation in Water Oriented Outdoor Recreation, AJAE 1968.
Mbr: Natl Recr & Pk Assoc; MO Pk & Recr Assoc, Brd Mbr.
Hon: Gamma Sigma Delta.

GILLETTE, Sheila H., USDA-ARS-PACS, Room 323-A, 14th & Independence Ave, SW, Washington DC 20250; PH 202-447-7141.
Agr Econ (GS 9) USDA (15) 19, 18, 06.
b. 1944 Alabama; U-1.
BA 1966 Univ of MD; OH St Univ (2 years)
Fields: 011, 070, 105.
Prev Emp: Prog Spec, USDA ARS-PACS, Washington DC 1973-75; Prog Spec, USDA Sci & Educ Staff, Washington DC 1969-73.
Lang: Sp 1-1-1, Fr 1-3-2.
Mbr: AAAS; WFS, Bethesda MD.

GILLIAM, Henry C. Jr., P O Box 5365, Raleigh NC 27607; PH 919-737-2258.
Agr Econ, CED-ERS-USDA (16) 07, 15, 19.
b. 1931 North Carolina; M-1.
BS 1953, MS 1964 NC St Univ; PhD 1969 Clemson Univ.
Fields: 011, 012, 016, 018.
Prev Emp: Grad Res Asst, NC St Univ, Raleigh 1961-63; Asst Co Agt, NC Agr Ext Serv, Anson Co, 1957-61; Asst Co Agent, NC Agr Ext Serv, Hoke Co 1956-57.
Pub: Analysis of Agr Land Values, Clemson Univ Bull 554, 1971; Beef Cattle Production Potential in Set-Aside Land, ERS 532, Washington DC 1973; Economic Import of Antibiotics in Feeds, Jour of Animal Sci 1975.
Lang: Sp 3-3-3, Ger 3-3-0.
Mbr: SAEA.
Hon: Who's Who in Am; USDA Certificate of Merit 1973; Gamma Sigma Delta; Phi Kappa Phi.

GILLIN, Edward F., Box 41 GPO , Sydney NSW 2001 Australia; PH 02-230-0666.
Chief Econ, Rural Bank of New South Wales (40) 07, 17, 15.
b. 1913 Australia; Citz: Australia; M-4.
BE 1950 Univ of Sydney; AASA 1951; ACIS 1951; FSIA 1975; FIB (London) 1975.
Fields: 132, 094, 013, 133.
Prev Emp: Asst Econ, Rural Bank of NSW, Sydney, Australia 1961-63.
Pub: Editor and Author of Rural Bank of New South Wales Economic Journal "Trends", Published 3 times per yr.
Lang: Fr 1-2-2, Ita 1-2-1.
Mbr: AES, Sec-Treas NSW Br 1963 - --; ES of A&NZ, Pres 1973-74; ASI.
Hon: Intl Businessmen's Who's Who.

GILLIS, Kenneth R., Great Western Sugar Company, PO Box 5308, Denver CO 80217.

GILLIS, Robert J., Dept of Agr, Box 923, Winnipeg, Manitoba, Canada R3C 2T5; PH 204-946-6839.
Asst Mgr, Royal Bank Agr Dept (51) 20.
b. 1945 Canada; Citz: Canada; M-1.
BSA 1970, MAE 1972 Univ of Manitoba, 1971-73.
Lang: Icelandic; Other: Eng 1-1-1.
Mbr: AIC; CAES; Manitoba Inst of Agr.

GILSON, James C., Adm Bldg, Univ of Manitoba, Winnipeg, Manitoba, Canada; PH 204-474-9444.
V. Pres & Prof, Univ of Manitoba (03) 02, 07, 08.
b. 1926 Canada; Citz: Canada; M-4.
BSA 1950, MS 1952 Univ of Manitoba; PhD 1954 IA St Univ.
Fields: 017, 013.

GINDER, Roger G., 515 Agr Sci South, Dept of Agr Econ, Univ of KY, Lexington KY 40506; PH 606-257-2767.
Res Assoc, Univ of KY (03) 07.
b. 1946 Illinois; M.
BS 1968, MS 1969 So. IL Univ.
Fields: 014, 092.
Prev Emp: Ext Spec Mktg, Univ of DE, Newark.
Lang: Fr 1-2-3.

GINGERICH, Howard F., 13625 Long Avenue, Midcothian IL 60445; PH 312-385-7724.
b. 1934 USA; D.
BS 1956, MS 1957 Univ of IL, Urbana; 1957-61 Univ of CA, Berkeley.
Fields: 014, 084, 018, 016.
Prev Emp: Asst Dir of Res, Farm & Ind Equip Inst, Chicago IL; Asst Mgr-Field Mgr, Lemon Adm Committee, Los Angelos CA; Agr Stat, USDA-SRS, Sacramento CA.
Mbr: ASA; AMA;AEA.

GINZEL, John A., 1627 Whitfield Avenue, Sarasota FL 33505; PH 813-756-5597.
Madigan-Abraham Assoc (54) 15, 10, 07.
b. 1940 Indiana; M-1.
BS 1964, MS 1966, PhD 1973 Purdue Univ.
Fields: 015, 081, 084, 090.
Prev Emp: Grad Asst, Purdue Univ, 1971-73; Systems Anal, Agr Econ, Purdue Univ 1968-71; Agr Econ, Vargas Found. Rio de Janeiro, Brazil 1966-68.
Pub: A Computerized Budgetary System for Farm Records, Purdue Univ PhD Thesis 1973; Economics of Scale in Sausage Production, Purdue Univ MS Thesis 1969; The Part-Time Farm - A Goods & Service, SJAE 1971.
Lang: Por 1-3-2.
Mbr: Sigma Chi.

GIRAO, Jose A.B.S., Agr Econ Res Center, Gulbenkian Inst of Science, Oeiras Portugal; PH Lisbon 243-1436.
Res Assoc-Asst Prof, Gulbenkian Foundation (71) 07, 23, 24.
b. 1938 Portugal; Citz: Portugal M-3.
Eng Agr, 1963 Univ of Lisbon; PhD 1971 Cornell Univ.
Fields: 017, 081, 075, 069.
Prev Emp: Asst Prof, Inst of Econ, Univ of Lisbon, 1972-76; Teaching Asst, Cornell Univ 1971; Res Asst, Gulbenkian Inst of Sci, Portugal 1964-68.
Pub: The Effect of Income Instability on Farmers Consumption and Investment, Rev of Econ & Stat 1974; Immiserizing Growth and the Underdeveloped Countries, Econ e Financas 1971; The Economics of the Meat Sector 1968-1975, Lisbon Guilbenkain Foundation 1968.
Lang: Portugese; Other: Eng 1-1-1, Fr 1-1-1.
Mbr: AEA; Econometric, IAAE.
Hon: Phi Kappa Phi.

GITTINGER, James P., 1818 H Street NW, Washington DC 20433; PH 202-393-6360.
Chief-Agr, Rur Devl & Gen Courses Div, Econ Devl Inst, World Bank (66) 02, 08.
b. 1928 California; M.
BS 1949 Univ of CA, Davis; MS 1952 PhD 1955 IA St Univ; 1950-51 Wye College of London.
Fields: 073, 077.
Prev Emp: Agr Econ, Agr Devl Council, NY 1961-65; Agr Econ, Harvard Devl Adv Serv, Iran 1960-61; Agr Econ, USAID, Saigon 1955-59.
Pub: Economic Analysis of Agricultural Projects, Baltimore MD 1972; Planning for Agricultural Development: The Iranian Experience, Washington DC 1965.
Mbr: AEA; SID.

GIVAN, William D., Dept of Agr Econ, Univ of GA, Athens GA 30602; PH 404-542-3571.
Agr Econ, USDA (16) 07.
b. 1935 Tennessee; M-2.
BS 1958, MS 1964 Univ of TN; PhD 1969 VPI & St Univ.
Fields: 011, 012, 016.
Prev Emp: Agr Econ, USDA, Blacksburg VA 1964-69; Vo-Agr Teacher, TN Dept of Educ, Tellico Plains TN 1958-62.
Pub: Economic Effects of Government Programs, Univ of GA 1973; Structure of Flue Cured Tobacco Farms, USDA 1975; Farm Machinery Costs and Performance, Univ of GA 1975.
Lang: Fr 2-3-3, Rus 3-3-3.
Mbr: SAEA, GA SFM&RA.
Hon: Who's Who in Am; Am Men & Women of Science; Alpha Zeta.

GLENN, Lowell D., USDA-SRS, Washington DC 20250; PH 202-447-5273.
Agr Stat, USDA-SRS (22) 14.
b. 1935 Oregon; M-2.
BS 1956, MS 1958 Univ of CA, Berkeley.
Fields: 083.
Mbr: AMA; ACM.

GLIM, Robert J., Fresno State College, Fresno CA 93740; PH 209-487-1004.
Professor, CA St Univ (03) 08, 20.
b. 1915 Pennsylvania; M-5.
BS 1938, ME 1952 Univ of CA, Davis.
Fields: 012, 011, 124, 151.
Prev Emp: Dir. Voc Agr, Woodlake Union High School, 1940-48; Consultant, AID, Sudan, Khartoum 1961-64.
Mbr: ASFM&RA; AAUP; CA Feed & Grain Assn.

GLOVER, Glenn H., P O Box 2210, Atlanta GA 30301. PH 404-393-5188.
Dir of Corp Plng, Gold Kist Inc (52) 15, 10, 27.
b. 1940 Georgia; M-1.
BS 1963, MS 1965 Univ of GA; PhD 1969 Univ of TN.
Fields: 011, 062, 063, 081.
Prev Emp: Agr Econ, USDA, Knoxville TN 1965-69.
Pub: Resource Use & Cotton Production Cost in Tennessee, Univ of TN 1969; Economic Analysis of Cotton Production Practices, Univ of TN 1969; Costs of Farm Machinery Used for Cotton Products, Univ of TN 1968.
Lang: Sp 2-3-0, Fr 3-0-0.
Mbr: SAEA.

GLOVER, Robert Spicer, Coop Ext Service, Univ of GA, Athens GA 30602; PH 404-542-1861.
Assoc Professor, Univ of GA (03) 09.
b. 1929 Kentucky; M-2.
BS 1956 Austin Peay St College; MS 1956 Auburn Univ; PhD 1964 TX A&M Univ.
Fields: 014, 051, 053.
Prev Emp: Asst Prof, Auburn Univ 1965-68; Assoc Prof, Austin Peay St College, 1959-65; Asst Prof, Stephen F Austin St, TX, 1957-59.
Pub: Urbanization and Attitudes Toward Consumer Credit, The Jour of the AL Academy of Sci, Vol 39, 1968; Fast Food Franchising-Fool's Gold or Fortune? Jour of Food Distribution Research 1971; Use of Consumer Credit in Sand Mountain (AL) Area, The Jour of Consumer Credit Management 1973.
Lang: Ger 3-3-3.
Mbr: AEA, AMA.
Hon: Who's Who in Am Educ; Who's Who in the South & Southwest.

GLOVER, T. F., Dept of Econ, UMC 35, UT St Univ, Logan UT 84322; PH 801-752-4100.
Assoc Professor, UT St Univ (03) 07, 08.
b. 1940 Utah; M-3.
BS 1965, MS 1966 UT St Univ; PhD 1971 Purdue Univ.
Fields: 011, 120, 016, 020.
Prev Emp: Asst Prof, OH St Univ 1970-74.
Mbr: AEA; ASA; Econometric.
Hon: ASA Directory.

GOBLE, William E., 1912 Kemper Lane, Knoxville TN 37920.

GOCHBERG, Howard S., P O Box 1087, 3243 N. 11th Street, Eau Claire WI 54701; PH 715-835-2221.
Group V. President, Land-O-Lakes Inc (52) 10, 11, 16.
b. 1930 New York; M-3.
BS 1950 CCNY; MS 1956 PA St Univ.
Fields: 014.
Prev Emp: Grp Prod Mgr, Land-O-Lakes, 1968-72; Mgr, Dry Milk Div, Land-O-Lakes 1961-68; Asst Mgr Dry Milk Div, Land-O-Lakes 1956-61.

Lang: Sp 3-3-3.
Mbr: Whey Prod Inst, Pres. 1972-74; Am Dry Milk Inst; Natl Coun of Physical Dist Mgmt.

GODFREY, E. Bruce, Dept of Agr Econ, Univ of ID, Moscow ID 83843; PH 208-885-6263.
Assoc Professor, Unif of ID (03) 07, 08.
b. 1941 Idaho; M-4.
Assoc Degree 1963, Ricks College; BS 1967, MS 1968 UT St Univ; PhD 1971 OR St Univ.
Fields: 026, 023, 066, 141.
Prev Emp: Asst Prof, Univ of ID 1970-74; Res Asst, UT St Univ, Logan, 1966-67.
Pub: Use Rates, Res. Flows and Efficiency of Public Investment in Range Improvements, AJAE 1972; Recreational Carrying Capacity and Wild Rivers: A Case Study of the Middle Fork of the Salmon River, Proceedings WAEA, 1972; Employment and Wages in Idaho's Forest Products Industry, Forest Wildlife & Range Exp Sta, Univ of ID 1975.
Mbr: AEA; SRM; WAEA Councilman for ID.
Hon: Who's Who in Am; Phi Kappa Phi; NDEA Fellow.

GODINE, Anthony N., Dept of Econ, IA St Univ, Ames IA 50011; PH 515-294-1187.
Res Asst, IA St Univ (03) 23, 07.
b. 1953 Canada; Citz: Canada; U.
BSA 1975 McDonald College of McGill Univ.
Fields: 014, 093.
Prev Emp: Res Asst, McGill Univ, Montreal, Canada 1973-75.
Lang: Fr 2-2-1.
Mbr: AEA.
Hon: Univ Scholar-McGill Univ; E.M. Jones Award-McGill; Graduated with 1st Class Honours, 1975.

GODWIN, Marshall R., USDA-FCS, Washington DC 20250; PH 202-447-8872.
Deputy Adm, USDA-Farmer Coop Serv (19) 06.
b. 1922 Florida; M-3.
BSA 1941, MSA 1945 Univ of FL; PhD 1949 Cornell Univ.
Fields: 014, 015, 017.
Prev Emp: Prof, TX A&M Univ, 1966-71; Proj Ldr, Natl Comm on Food Mktg, Washington DC 1965-66; Prof, Univ of FL 1960-65.
Pub: Southern Rice Industry (book) TX A&M Univ 1970; Organization & Competition in the Fruit & Vegetable Industry, GPO, Washington DC 1966; Price Impacts of Federal Market Order Programs, USDA-FCS, Washington DC 1975.
Mbr: SAEA, Pres. 1970; SSSA.
Hon: Dir of Am Scholars; Am Men & Women of Science; Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta.

GOERING, Theodore J., D-805, 1818 H St. NW, Washington DC 20433; PH 202-477-3495.
Sr Agr Econ, The World Bank (66) 18, 15, 17.
b. 1935 Kansas; M-5.
BS 1957 KS St Univ; MS 1959, PhD 1962 MI St Univ.
Fields: 073, 017, 112.
Prev Emp: Agr Policy Adm, Harvard Devl Adv Serv, Malaysia & Ethiopia, 1966-74; Staff Econ, Council of Econ Adv, Washington DC 1965-66; Prog Adm Peace Corp, Guatemala 1963-65.
Lang: Sp 2-2-2, Bahasa-Malaysia 0-0-3.
Mbr: IAAE.

GOLDBERG, Ray A., Harvard Business School, Soldiers Field, Boston MA 02163; PH 617-495-6496.
Professor, Harvard Univ (03) 08, 07.
b. 1926 USA; M-4.
AB 1948, MBA 1950 Harvard Univ; PhD 1952 Univ of MN.
Fields: 159.
Pub: Farmers' Cooperatives & Federal Income Taxes, Ballinger Publishers, Boston 1974; Agribusiness Mgmt for Devl Countries-Latin America, Ballinger Publishers, Boston 1974; Agribusiness Coordination: A Systems Approach to the Wheat, Soybean & Florida Orange Economies, Div of Res, HBS 1968.
Mbr: AMA; ADSA; FDRS; Harvard Club.

GOLDENBERG, Marcos H., Casilla de Correo 276, Asuncion, Paraguay; PH 6-2357.
Econ Adv, Minister of Ind & Commerce (40) 06, 22, 19.
b. 1947 Paraguay; Citz: Paraguay; U.
Agr Eng 1970 Natl Univ Asuncion; MS 1972-74 Univ of MO.
Fields: 017.
Prev Emp: Tech Adv, Ministry of Agr, Paraguay 1970-72.
Lang: Spanish; Other: Eng 1-1-1, Por 1-0-0.
Mbr: Agr Eng Assoc.

GOLDMAN, Oscar, Corrientes 4667 Dto 41 P. 13, Capital Federal, Buenos Aires, Argentina.

GOLDMAN, Richard Harris, HIID, 1737 Cambridge Street, Cambridge MA 02138; PH 617-495-4249.
Inst Assoc, Harvard Inst for Intl Devl, (03) 08, 07, 18.
b. 1942 Pennsylvania; M-1.
BA 1963 Bucknell Univ; MA 1964 Univ of PA; PhD 1974 Stanford Univ.
Fields: 016, 073, 137, 112.
Prev Emp: Lctr, Univ Sains, Malaysia, 1973-75; Consultant, Ford Foundation, Malaysia 1975; Asst Prof, CA St Univ, San Jose 1972-73.

Pub: Seasonal Rice Prices in Indonesia 1953-69, Food Research Institute Studies, 1974; Staple Food Self-Sufficient & Distributive Impact of Malaysian Rice Policy, Food Res. Institute Studies 1975; Seasonal Production Instability and Price Formation in Indonesian Rice Markets, 1951-70, Rice Proj, Working Paper #4, Stanford Univ 1973.
Lang: Bahasa Malaysia 2-1-2, Kayan 2-1-2.
Mbr: AEA.

GOLDMAN, Richard Harvey, AID, Dept of State, AFR-CWA-Liberia, Rm 2733 NS, Washington DC; PH 202-632-9066.
Agr Econ, Agency for Intl Development (24) 03, 18, 19.
b. 1946 USA; M.
BS 1969 Northeastern Univ; MS 1975 Cornell Univ.
Fields: 118, 073, 094, 091.
Prev Emp: Res Assoc, So Univ, Baton Rouge LA 1974; Res Asst, Cornell Univ, 1972-75; Coop Sup, Mins of Agr, Liberia, 1970-72.
Pub: Structure of Cocoa Farms - Cameroon, Cornell Univ 1975; The International Cocoa Agreement and the World Cocoa Economy, Cornell Univ 1975.
Lang: Fr 2-3-2.
Mbr: SID; ITDG.

GOMEZ, Carlos E., Correos Nacionales Entrego Genr Capira, Panama, Rep of Panama.
b. 1948 Panama; Citz: Panama; U.
BS 1973 Univ of Panama; Plng 1973-74 Univ of Puerto Rico; MS 1974-75 NM St Univ.
Fields: 077, 011, 017, 062.
Pub: La Productividad en la Agricultura Panamena, Univ of Panama 1973; The Farming Asentemientos and Their Role in Panamanian Agriculture's Productivity, NM St Univ 1976.
Lang: Spanish; Other: Eng 1-1-1.

GONZALEZ, Leonel G., Banco de Guatemala, Guatemala; PH 832-81.
Proj. Coord, Natl Planning Council (36) 07, 08.
b. 1939 Guatemala; Citz: Guatemala; M-4.
Licenciado 1969 Univ Rafael Landivav; MS 1972 (AE), MS 1972 (Bus), PhD 1975 Univ of WI.
Fields: 014, 011, 017.
Prev Emp: Con., Checchi & Co, Washington DC 1975; Proj Coor, SIECA, Guatemala 1973-74; Econ, ROCAP, Guatemala 1969-70.
Pub: The Economic Development Pot of Veg in Guatemala, LTC, Univ of WI 1975; Descripcion y Diagnostico de la Econ. Guatemala 1970; Caracteristicas Basicas del Desarrollo en Guatemala, 1971.
Lang: Spanish.
Mbr: Assoc de Econ de Guatemala.

GONZALEZ, Ruben, P O Box 3169, Las Cruces NM 88003.
Grad Student, NM St Univ.
b. 1947 El Salvador; Citz: El Salvador; U.
BS 1972 Univ of El Salvador.
Fields: 016, 014, 081, 017.
Prev Emp: Econ, Dept of Agr, El Salvador 1970-74.
Lang: Spanish; Other: Eng 1-1-2.

GOOD, John P., Route 5, Box 604, Winchester VA 22601.

GOODALL, George Erle, P O Box 126, Santa Barbara CA 93102; PH 805-963-4269.
Co Dir & Farm Adv, Univ of CA (03) 09, 02, 20.
b. 1922 California; M-1.
BS 1947 UCLA; MS 1963 Univ of WI.
Fields: 010, 020, 030.
Prev Emp: Farm Adv, Univ of CA, Agr Ext, Ventura CA 1947-51.
Mbr: SCS, Pres. CA Chpt 1970 & 71; ASHS; CA Avacado Soc.
Hon: Dist. Service, CA Chpt-SCSA; Commendation SCSA; Award of Honor, CA Avacado Soc.

GOODALL, Jerry, Livestock Div, Agr Mktg Service, Washington DC 20250; PH 202-447-4727.
Deputy Director, USDA (21) 06, 18.
b. 1929 Oklahoma; M-1.
BS 1951 OK St Univ; MS 1956 PA St Univ.
Fields: 014, 151.
Prev Emp: Chf, Prog Anal Grd, LS Div, AMS, USDA, Washington DC 1957-67.
Mbr: ASAS.

GOODE, Frank M., 8 Weaver Bldg, Dept of Agr Econ, PA St Univ, University Park PA 16802; PH 814-865-9541.
Assoc Prof, PA St Univ (03) 07, 08.
b. 1940 Colorado; M-1.
BS 1962, MS 1964 CO St Univ; PhD 1970 Univ of MN.
Fields: 072, 021.
Prev Emp: Res Instr, NC St Univ 1964-65; Res Asst, CO St Univ, Ft Collins 1963-64; Teaching Asst, CO St Univ, 1962-63.
Pub: The Input-Output Models as a Tool for Regional Analysis, Methods of Land Economics Research 1966; Selected Analytical and Empirical Methods in Regional Analysis, Regional Studies of Income Distribution 1966.
Mbr: AEA; NAC; SAEA.

GOODING, David I., 500 Acre Drive, Schenectody NY 12303; PH 518-457-6920.
Res. Anal, NY St Dept of Trans (40) 07, 15.
b. 1933 Ohio; M-2.
BS 1954, MS 1959, PhD 1962 OH St Univ.
Fields: 075, 076.

GOODMAN, Richard J., 1001 Connecticut Ave, Washington DC 20036; PH 202-331-1922.
V. President, Continental Grain Co (51) 18, 19, 10.
b. 1932 North Dakota; M-2.
BS 1953, MS 1958 ND St Univ; PhD 1962 Univ of MN.
Fields: 016, 017, 014, 062.
Prev Emp: Assoc Adm, FAS-USDA, Wash. DC 1972-75; V. Pres. Cook Ind Inc, Wash. DC & Tokyo 1967-72; Staff Econ, NACFF, Wash., DC 1966-67.

GOODRICH, Dana C. Jr., 254 Warren Hall Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-2007.
Professor, Cornell Univ (03) 07, 08, 09.
b. 1928 New York; M-4.
BS 1954 Rutger Univ; MS 1956, PhD 1958 Cornell Univ.
Fields: 014, 095, 096, 024.
Prev Emp: Asst-Assoc Prof, Cornell Univ, 1958-70; Grad Asst, Cornell Univ 1954-58.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: ASHS, Chmn Mktg Comm. 1973-75.

GOODWIN, James D., Coop Ext Serv, LA St Univ, Baton Rouge LA 70803; PH 504-388-2145.
Mktg Spec, LA St Univ (03) 09.
b. 1930 Arkansas; M-1.
1947-49 Southern St College, AR; BS 1956 AR St Univ; MS 1958, PhD 1965 LA St Univ.
Fields: 014, 015.
Prev Emp: Asst Prof, Univ of GA, Experiment GA 1964-67; Instr, LA St Univ, Baton Rouge LA 1962-64.
Pub: Analysis of Factors Affecting Time Req. Distributing Milk on Wholesale and Retail Routes in Georgia, Univ of GA Agr Exp Sta Res Bull, 1969; Feasibility of Prospects for Producing & Exporting Uruayan Dairy Products, LA St Univ 1971.
Lang: Ger 3-0-3, Fr 3-0-0.
Mbr: SAEA.

GOODWIN, John William, Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Regents Prof., OK St Univ (03) 08, 07, 21.
b. 1935 Oklahoma; M-4.
BA 1956 Pandhandle St Univ; 1956-57 Univ of CT; MS 1959, PhD 1962 OK St Univ.
Fields: 014, 016, 018, 011.
Prev Emp: Price Econ, Armour & Co, Chicago IL 1961-64; Instr, OK St Univ, 1958-61.
Pub: The Irreversible Demand Function for Beef, OK Agr Exp Sta 1968; Optimal Locations of Beef Production and Processing Enterprises, OK Agr Exp Sta, 1973.
Lang: Sp 3-3-3.
Mbr: SAEA.
Hon: Dist. Undergrad Teacher-AAEA 1971; OSU Teacher of the Yr 1973; Directed Award Winning MS Thesis AAEA 1967.

GOODWIN, Joseph B., Intl Progs, Agr Adm Bldg, Purdue Univ, W Lafayette IN 47907.
Asst Professor, Purdue Univ (03) 07.
b. 1942 Missouri; M-5.
1961-62 NE MO St Univ; BS 1965, MS 1968 Univ of MO; PhD 1975 Univ of MD.
Fields: 011, 082, 105, 083.
Prev Emp: Res Assoc, Univ of MD, College Park MD 1974-75; Agr Econ, AID, Accra Ghana 1971-74; Agr Econ Con, FAO, Washington DC 1970.
Pub: A Devl Planning Model for Tech Change in Agriculture, Univ of MO 1968; A Devl Planning Model for Tech Change in Agr, AJAE 1970; The Effects of Price Distortions on Industry Development; A Projections Model of the Rice Milling Industry in Ghana, Univ of MD 1975.
Lang: Por 1-2-2, Sp 2-3-3.
Mbr: IAAE; Brazilian Soc of Agr Econ.
Hon: David M. Hardy Scholarship, Univ of MO 1964; NDEA Fellow, Univ of MD 1967-70.

GOPALAKRISHNAN, Chennat, Dept of Agr Econ, Bilger Hall 2545, The Mall, Honolulu HI 96822; PH 808-948-7497.
Professor, Univ of HI (03) 07, 08, 23.
b. 1936 India; Citz: India; M-1.
BA 1955, MA 1957 Kerala Univ, India; PhD 1967 MT St Univ.
Fields: 021, 026, 024, 113.
Prev Emp: Teaching Asst, MT St Univ, Bozeman, 1963-66; Sr Res., The Econ Times, Bombay, India 1961-63; Res, Natl Council of Appl Econ Res, New Delhi, India 1958-61.
Pub: Institutional Constraints to Coastal Zone Management, AJES 1974; The Doctrine of Prior Appropriation, AJES 1973; Economic Growth Through Water-Development, Water Resources Bull 1972.
Lang: Malayalam; Other: Eng 1-1-1, Hindu 2-2-2.
Mbr: SID; AWRA; Marine Tech Soc.
Hon: Am Men & Women of Science; Sr Fellow East-West Food Inst 1974; Fellowship, Inst of Intl Educ for Youth Ldrship 1966.

GORDIN, Zalman, Missao de Israel, DNOCS Av Duque de Caxias 1700, Fortaleza ce Brazil; PH 23-2177.
Head-Israel Tech Mission, Israel Govt (67) 22, 09.
b. 1933 Italy; Citz: Israel; M-3.
BS 1972, MS 1973 Univ of AZ.
Fields: 070, 073, 081.
Prev Emp: Agr Asst, Israel Govt, Brazil 1968-71; Farm Mgr, Israel Coop Settlement 1964-68.
Pub: Consumers Attitude Toward Beef, Univ of AZ 1974.
Lang: Hebrew; Other: Eng 1-1-1, Por 1-1-1.
Hon: Univ of AZ Honor Roll 1971-72.

GORDON, Japhas A., PO Box 4085, Pine Bluff AR 71601; PH 501-535-6700.
Assoc Professor, Univ of Arkansas (03) 08, 07, 20.
b. 1917 Arkansas; M-5.
BS 1941 AM&N College; MS 1948 Univ of MN.
Fields: 011, 012.
Mbr: AAUP; SAEA.
Hon: Who's Who in South & Southwest.

GORDON, John R., Dept of Agr Econ, Purdue Univ, W Lafayette IN 47907; PH 317-493-2452.
Asst Professor, Purdue Univ (03) 09, 07.
b. 1942 Illinois; M-3.
BS 1964, MS 1965 Univ of IL; MA 1968, PhD 1970 Univ of WI.
Fields: 030, 018, 017, 085.
Prev Emp: Res Assoc, Univ of WI, Madison 1970-71; Agr Econ, ERS-USDA, Madison 1967-70.
Pub: As Your Community Grows: Some Economic Considerations, Purdue Univ 1975; Steel Expansion in Porter County: It's Economic Impact, Purdue Univ 1976; Differential Impacts of Inflation on Consumers, Purdue Univ 1975.
Lang: Fr 3-0-0.
Mbr: CDS.
Hon: Alpha Zeta; Gamma Sigma Delta; Who's Who in Am.

GORMAN, William D., Box 3169, Dept of Agr Econ, Las Cruces NM 88003; PH 505-646-3923.
Professor, NM St Univ (03) 07, 08.
b. 1936 Illinois; M-5.
BS 1958, MS 1959 Univ of IL; PhD 1962 OR St Univ.
Fields: 014, 090, 021.
Prev Emp: Agr Econ, So CA Labs, So. Pasadena CA 1967-69; Asst Prof, Purdue Univ 1962-67.
Pub: An Empirical Investigation Into the Relationship Between Market Structure and Performance as Measured by Prices, JFE, 1966; Feasibility of Finish Cattle Feeding in the Four Corners Economic Development Region, Agr Exp Sta Res Dept 1973; Costs, Returns and Capital Requirements for the Navajo Indian Irrigation Project, Agr Exp Sta Res Dept 1973.
Lang: Sp 3-0-3.
Mbr: WAEA, Editor.

GOSSARD, Alan B., Warren Hall, Dept of Agr Econ, Rm 316, Cornell Univ, Ithaca NY 14853.

GOSSLING, William F., School of Social Studies, University Plain, Norwich, England NR47TJ; PH 0603-56550.
Lecturer in Econ, Univ of East Anglia, (03) 08, 07, 04.
b. 1932 England; Citz: UK; M.
BA 1955, MA 1959 Cambridge, England; MSA 1962 Toronto, Canada; PhD 1965 Univ of IL, Urbana.
Fields: 060, 100, 080, 011.
Prev Emp: Vstg Exchange Prof, Univ of Toledo, OH 1975; Res Fellow, Manchester Univ, UK, 1966-69; Res Assoc, Univ of IL, Urbana, 1965-66.
Pub: Productivity Trends in a Sectoral Macro-Economic Model, IOPC, London, 1972; Input-Output in the United Kingdom, Cass, London 1970; Capital Coefficients & Dynamic Input-Output Models, IOPC, London 1975.
Lang: Fr 1-1-1, Ger 2-2-2.
Mbr: AEA; IORA, Chrmn 1968.
Hon: Sigma Chi; AAEA Doctoral Thesis Award 1965.

GOTSCH, Carl H., Ford Foundation, 320 East 43rd Street, New York NY 10017.

GOULD, Ernest M. Jr., Harvard Forest, Petersham MA 01366; PH 617-724-3285.
Sr Lecturer, Harvard Univ (03) 07, 08, 02.
b. 1918 Massachusetts; M.
BS 1940 Univ of NH; MF 1942, MA 1949, MPA 1949, PhD 1950 Harvard Univ.
Fields: 023, 026, 038, 025.
Prev Emp: Proj Ldr, USDA Forest Serv, Berkeley CA 1960-61.
Mbr: SAF.
Hon: Am Men & Women of Science.

GRADY, J. C., Dept of Agr Econ, TX A&M Univ, College Station TX 77840.

GRAF, Truman F., 316 Agr Hall, Dept of Agr Econ, Univ of WI, Madison WI 53706; PH 608-262-3653.
Professor, Univ of WI (03) 07, 09, 08.
b. 1922 Wisconsin; M-3.
BS 1947, MS 1949, PhD 1953 Univ of WI.
Fields: 014, 017, 112, 015.
Prev Emp: Res Econ, Romanian Mins of Educ, Bucharest, Romania, 1976; Res Econ, Finnish Mins of Agr, Helsinki, 1970; Res Econ, Dairy Soc Intl, Lagos, Nigeria 1962.

Pub: Resolving Milk Pricing Problems, Univ of WI 1973; Market Adjustments of Processors, Univ of WI 1972; Milk Programs of Food Chains, Univ of WI 1972.
Lang: Sp 3-3-3, Rus 3-3-3.
Mbr: AEA, Kiwanis.
Hon: Alpha Zeta; Who's Who in Midwest; Dir of Am Scholars; Ldrs in Educ; Am Men & Women of Science; AAEA Award 1974; USDA Natl Mktg Anal Appt; Univ Intl Mktg Anal Appt.

GRAHAM, Bruce M., SRS-USDA, Washington DC 20250; PH 202-447-4415.
Deputy Adm, Stat Rep Serv (22) 06, 15, 18.
b. 1921 Virginia; M-3.
AB 1943 Bridgewater; MS 1947 VPI & St Univ.
Fields: 011, 081.
Prev Emp: Chf, Data Coll Br, SRS-USDA, Washington DC 1966-71.
Mbr: ASA; NEC; ASPA.
Hon: USDA Superior Serv Award 1970.

GRAHAM, John D., Dept of Agr Econ, Univ of British Columbia, Vancouver, Canada; PH 603-228-4382.
Asst Prof, Univ of British Columbia (03) 08, 07, 09.
b. 1938 South Africa; Citz: Canada; M-2.
BS 1961, MS 1966 Univ of Natal; PhD 1972 Purdue Univ.
Fields: 082, 093, 016.
Prev Emp: Lectr, Univ of Natal, So. Africa 1962-68; Res Asst, Purdue Univ, 1968-71.
Pub: A Multiperiod Cash Management Analysis, PhD Thesis, Purdue Univ 1972.
Lang: Afrikaans 1-1-1, Zulu 0-0-1.
Mbr: CAES.

GRAHAM, Ronald C., PO Box 392, Millbank, SD 57252; PH 605-432-4579.
Area Devl Rep, Otter Tail Power Co (51) 05, 18, 15.
b. 1944 Iowa; M-3.
BS 1968, MS 1972 SD St Univ.
Fields: 101, 031, 014, 047.
Prev Emp: Grad Student, SD St Univ, Brookings, 1970-72; 1st Lt, U.S. Army, US & Overseas, 1968-70.
Mbr: AEA.

GRANO, Anthony M., 500 12th Street SW, Room 412, Washington DC 20250.

GRAVES, David R., PO Box 369, Kosciusko MS 39090; PH 601-289-1642.
Pres-Chairman Board of Directors, Davis-Graves Hardware & Supply Inc (51) 10, 12, 11.
b. 1944 Louisiana; M-2.
BS 1966 LA Tech; MS 1969 MS St Univ; PhD 1972 Purdue Univ.
Fields: 015.
Prev Emp: Econ Anal, USDA-OP&E, Wash. DC 1973-74; Res Econ, USDA-FCS, Wash. DC 1972-73.
Pub: Optimum Number, Size & Location of Agricultural Input Facilities in Indiana, Purdue Univ, 1972.

GRAVES, James W., Dept of Agr Econ, TX Tech Univ, Lubbock TX 79409; PH 806-742-7252.
Professor, TX Tech Univ, (03) 08, 24, 07.
b. 1929 Texas; M-3.
BS 1952 Cornell Univ; MS 1958 TX A&M Univ; PhD 1964 MI St Univ.
Fields: 014, 013, 015, 062.
Prev Emp: Assoc Prof, TX Tech Univ, Lubbock TX 1967-75; Asst Prof, TX A&M Univ, 1963-67; Asst Prof, TX Tech Univ, 1961-63.
Pub: Analysis of the West Texas Potato Market, Texas Tech Univ 1974; Raw Cotton Requirements of Textile Mills, TX A&M Univ, 1967; Effects of 1966 Cotton Adjustments in Texas, TX A&M Univ 1967.
Mbr: WAEA; SAEA.
Hon: Alpha Zeta; Am Men & Women of Science; Phi Kappa Phi.

GRAY, Frederick D., Rm 200, 500 12th St. SW, Washington DC 20250; PH 202-447-7290.
Agr Econ, ERS-USDA (16) 07, 14, 15.
b. 1928 Rhode Island; M-2.
BS 1952 Univ of CT; MS 1960, PhD 1971 Univ of MD; 1954-55 Univ of WI.
Fields: 018, 051, 014, 016.

GRAY, James R., Box 3169, NM St Univ, Las Cruces NM 88003; PH 505-646-4732.
Professor, NM St Univ (03) 07, 08.
b. 1921 Idaho; M-3.
BS 1947, MS 1949 UT St Univ; PhD 1957 OR St Univ.
Fields: 020, 012, 025, 023.
Prev Emp: Agr Econ, ERS-USDA, Las Cruces NM 1952-57; Agr Econ, BAE-USDA, Bozeman MT 1949-52; Forestry Aide, Forest Service, USDA, Milford UT 1947-48.
Pub: Ranch Economics, IA St Univ 1968.

GRAY, Leo R., APHIS-USDA, Washington DC 20250; PH 202-447-4376.
Dir-Plng & Eval Staff, APHIS-USDA (23) 19.
b. 1924 Massachusetts; M-6.
BS 1950 Univ of MA; MA 1952 Univ of NE; 1962-65 Univ of MD.
Fields: 014, 151, 152.
Prev Emp: Agr Econ, ERS-USDA, Washington DC & Berkeley CA 1954-74; Recording Sec, Western Agr Exp Sta Dir, Berkeley CA 1965-70; Sec. Western Agr Econ Res Council, Berkeley CA 1965-70.
Mbr: ASPA; WAEA.

GRAY, Roger W., Food Res Inst, Stanford Univ, Stanford CA 94305; PH 415-497-3948.
Prof & Econ, Stanford Univ (03) 07, 08.
b. 1921 Illinois; M-3.
AB 1942, MA 1947 Univ of CO, Boulder; PhD 1952 Univ of MN.
Fields: 014, 016, 017.
Prev Emp: Econ, Bank of Am, San Francisco CA 1953-54; Instr. Univ of MN, 1947-53; Crop Agent, USDA, 1950-53.
Pub: The Search for a Risk Premium, Jour of Political Economy 1961; The Characteristic Bias in Some Thin Futures Markets, Food Res Inst Studies 1960; The Relationship Among Three Futures Markets, Food Res Inst Studies 1961.
Lang: Fr 2-2-2.
Mbr: WFEA, Pres. 1963-64.
Hon: Phi Beta Kappa; Pi Gamma Mu.

GRAY, Roy M., Room 5806, So Agr Bldg, Washington DC 20250; PH 202-447-2307.
Staff Ldr Econ, USDA-Soil Cons Serv (23) 19, 18,
b. 1935 Texas; M-2.
BS 1957, MS 1968, PhD 1971 TX A&M Univ.
Fields: 021, 026.
Prev Emp: Res Econ, TX A&M Univ, College Station 1971.
Pub: Institutional Factors Influencing Irrigation Water Use in the Lower Rio Grande, TX A&M Univ 1971; Program Planning in the SCS, George Washington Univ, 1972; A National Soil Conservancy Law: Implications for Public Soil Conservation Programs, Conservation, Iowa 1974.
Mbr: SCSA.

GRAY, William H., 1000 Forest Street, Bellingham WA 98225; PH 206-676-6736.
Area Comm. Con, WA St Univ (03) 09, 07, 08.
b. 1947 California; M.
AA 1968 San Jose City College; BA 1970 Univ of CA, Davis; MA 1972 WA State Univ.
Fields: 031, 038, 030, 035.
Prev Emp: Res Asst-Assoc, WA St Univ, 1971-72; Assoc in Teaching, WA St Univ 1971.
Pub: Agricultural Land Use in Washington, WA St Univ 1975; Methods of Agric Land Use Preservation, WA St Univ 1975.
Lang: Sp 2-2-3.
Mbr: WAEA; CDS, St Brd of Dir; WA of CAA Brd of Dirs.

GREEN, Bernal L., Dept of Agr Econ & Rur Soc, Univ of AR, Fayetteville AR 72701; PH 501-575-2256.
Agr Econ, USDA (16) 07.
b. 1934 Arkansas; M-2.
BS 1958, MS 1961 Univ of AR; PhD 1966 Purdue Univ; 1969 Or St Univ.
Fields: 042, 046, 043, 031.
Prev Emp: Instr, Univ of AR, Fayetteville 1960-61.
Pub: Human Resources in the Ozarks Region, ERS-USDA 1970; Impact of Job Devl on Pov in Four Developing Areas, 1970, ERS-USDA 1972; Development as a Multistage Process, Growth & Change, October 1974.
Lang: Ger 3-3-3.
Hon: BSAE w/honors 1958; Certificate of Merit by ERS 1975.

GREEN, David A.G., University College of Wales, Dept of Agr Econ, Penglais, Aberystwyth, Wales, UK; PH 0970-3111.
Lecturer, Univ of Wales (03) 07, 08, 02.
b. 1930 England; Citz: UK; M-3.
BC 1954, BS 1960 Univ of Leeds; MS 1965 Univ of KY; PhD 1971 MI St Univ.
Fields: 011, 012, 072, 073.
Prev Emp: Res Asst, MI St Univ, 1965-71.
Pub: Ethiopia: An Economic Analysis of Technological Change in Four Agricultural Prod Systems, MI St Univ 1974; Agricultural Mechanization in Ethiopia, PhD Dissertation, MI St Univ 1971; Agricultural Mechanization in Equatorial Africa, MI St Univ 1969.
Lang: Fr 1-2-2, Ger 3-3-3.
Mbr: AES (UK); AAASA. Hon: GSD.

GREEN, Richard, Dept of Agr Economics, Univ of California, Davis CA 95616.

GREEN, Robert C., TX A&M Univ, Dept of Agr Econ, College Station TX 77840; PH 713-845-6822.
Grad Res Asst, TX A&M Univ (03) 23, 07.
b. 1947 Massachusetts; U.
BS 1969 Univ of MA; MS 1974 Univ of ME.
Fields: 016, 081, 082, 083.
Prev Emp: Grad Res Asst, Univ of ME, Orono, 1972-74.
Pub: An Analysis of the Impact of Market Information Upon Maine Potato Prices, Univ of ME 1974.
Mbr: NAEA; SAEA; WAEA.
Hon: Alpha Zeta.

GREENE, Brook A., UNDP-FAO Country Proj, c/o Ministry of Agr, PO Box 505, Bridgetown, Barbados; PH 0-6920.
Farm Mgmt Spec, FAO (63) 20, 13, 14.
b. 1940 Texas; M-2.
BS 1961 NM St Univ; MS 1966 Univ of FL; PhD 1970 Cornell Univ.
Fields: 011, 071, 073, 017.
Prev Emp: Vstg Assoc Prof, Univ of Nairobi, Kenya, 1974-75; Asst Prof Agr Econ, AUB, Beirut, Lebanon, 1970-74.

Pub: Rate of Adoption of New Farm Practicies in Cent Plains, Thailand, Cornell Univ 1973; Rural Urban Migr & Role of Rural Develop on Indust'l Devel: Case of Lebanon, Proche Orient Etude Economique, Beirut 1973; Comments on Farm Mech in LDC, Options Mediterraneenes #11, pp 76-79, Feb 1972.
Lang: Sp 1-2-1, Fr 2-3-3.
Mbr: SID; IAAE; Carribbean Agro Econ Soc.
Hon: Grad Asstship, Univ of FL & Cornell Univ.

GREEN, Warren J., 6435 N. Williams Street, Portland OR 97217.

GREENE, R.E.L., 805 NW 21st Terrace Gainesville FL 32603.

GREENHALGH, Richard A., Econ Res Serv, 155 McCarty Hall, Univ of FL, Gainesville FL 32601; PH 904-392-2342.
Agr Econ, NRED-ERS-USDA (16) 07, 15.
b. 1937 Nebraska; M-2.
BS 1962, MS 1964 Univ of NE; PhD 1974 Univ of MO.
Fields: 020, 066, 038, 075.

GREENLEAF, George G., PO Box 151, Worthington OH 43085; PH 614-885-4429.
Exec V. Pres, OH Grain, Feed & Fertilizer Assoc Inc (53) 08, 04, 15.
b. 1918 Ohio; M-3.
BS 1943, MS 1959 MI St Univ.
Fields: 093, 046.
Prev Emp: Instr, MI St Univ, 1954-59; Sec. Federal Land Bank, Lansing MI 1946-54; 1st Lt, U.S. Army, European Theatre, 1943-46.
Pub: A Study of Cost Relationships in Michigan Country Elevators, MS Thesis MI St Univ 1959.
Mbr: ASAE, AAEC, Pres. 1966; AVA.
Hon: Honorary Am Farmer Degree-FFA; Man of the Year 1975 by OH Voc. Assoc; Certified Assoc Exec- ASAE.

GREENSHIELDS, Bruce L., 500 12th Street SW, Washington DC 20024; PH 202-447-8265.
Project Leader, Econ Res Service (16) 07, 18, 06.
b. 1944 Washington DC; M-2.
BA 1968, MA 1975 The Am. Univ.
Fields: 112, 081, 018, 017.
Prev Emp: 1st Lt, U.S. Army, Korea, 1968-71; Volunteer, Peace Corps, Brazil, 1964-66.
Pub: Agricultural Reforms and Productivity and Trade in Chile Since 1965, USDA, 1972; Changes in Exchange Rates---- Impact on U.S. Grain and Soybean Exports to Japan, USDA 1974.
Lang: Por 1-1-1, Fr 1-1-1.
Mbr: AEA; IAAE; SGE.
Hon: USDA Certificate of Merit; Army Commendation Medal.

GREER, James D., 8900 Manchester Road, St Louis MO 63141; PH 314-968-1000.
Res Director, Doane Agr Service (51) 07, 15, 11.
b. 1940 Nebraska; M-2.
1962-65 Univ of CA, Berkeley; BS 1962 Univ of NE.
Fields: 014, 013, 081, 012.
Prev Emp: Agr Con, Danforth Agr-Resources, St Louis MO 1974; Dir, Mkt Res. Farmhand, Inc. Hopkins MN 1972; Mgr, Sales Anal, Ralston Purina, St Louis MO 1971.

GREER, R. Clyde, Dept of Agr Econ & Econ, MT St Univ, Bozeman MT 59715; PH 406-994-3701.
Assoc Professor, MT St Univ (03) 08, 07.
b. 1940 Colorado; M-2.
BS 1964 CO St Univ; MS 1968, PhD 1970 Univ of MN.
Fields: 062, 014, 093, 101.
Prev Emp: Res Asst, Univ of MN, St. Paul 1966-70; Tching Asst, Univ of MN, St Paul 1964-66; Res Asst, MED-ERS-USDA, Ft Collins CO 1963-64.
Pub: An Analysis of Price Dispersion, Univ of MN 1970; Evaluation of Selling Alternatives, MT St Univ 1974; Estim Days Suitable for Fieldwork, MT St Univ 1974.
Lang: Sp 3-0-3.
Mbr: AEA; WAEA.
Hon: Faculty Honor Roll, MT St Univ 1974-75.

GREGERSEN, Hans, 1509 Hythe Street, St. Paul MN 55108.

GREGORY, Wade F., 500 12th Street SW, USDA, Washington DC 20250; PH 202-447-8106.
Ldr Asia Prog Area, FDCD-ERS-USDA (16) 07, 06, 22.
b. 1924 Pennsylvania; M-3.
BS 1944, MS 1948 PA St Univ; 1953-54 Univ of Chicago.
Fields: 073, 017, 012, 013.
Prev Emp: Team Ldr, USDA-PASA Team, Bogota Colombia, 1968-71; Chf, Econ Devl Br, ERS, Washington DC 1963-68; Head, Agr Unit, Pan Am Union, Washington DC 1961-63.
Lang: Sp 1-2-1.
Mbr: AEA; SID; IAAE.

GREIG, Ian D., Dept of Agr Econ, Univ of New England, Armidale, NSW, Australia 2351; PH 067-72-2911.
Univ of New England (03) 23, 08, 07.
b. 1946 New Zealand; Citz: NZ; M-2.
MAS 1971 Lincoln College.
Fields: 011, 084, 105, 083.
Prev Emp: Farm Adv, NZ Dept of Agr, New Zealand 1968.

Pub: Prospects for Beef Feedlots in New Zealand, NZ Agr Science 1972; Estimating Mean and Variance of Subjective Distributions, Management Science 1975; Towards Optimal Systems of Broiler Production, Agricultural Systems 1976.
Lang: Sp 3-3-3.
Mbr: Australia AES; NZ-IAS; Inst of Mgmt Science.

GREIG, W., Smith, Dept of Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-2511.
Professor, WA St Univ (03) 07, 08, 10.
b. 1925 Arkansas; M-3.
BS 1948 Univ of AR; MS 1953, PhD 1955 Cornell Univ; 1957 Univ of CA, Berkeley.
Fields: 015, 014, 092, 101.
Prev Emp: Cons., Office of Tech Assessment, Washington DC 1975; Cons., World Bank, Kenya & Washington DC 1972; Assoc Prof, MI St Univ 1957-70.
Pub: Economics of Food Processing, AVI Publishing Co 1971; Profit Ability & Other Financial Operating Ratios in Food Processing, WA St Univ, Agr Exp Sta Bull, 1973; Changing Structure of the Food Processing Industries, WA St Univ Agr Exp Sta Bull, 1976.
Mbr: WAEA.

GRENIER, Guy C., 1505 E Colonial Drive, Orlando FL 32803; PH 305-896-2407.
Dean, Jones College (03) 02, 07, 08.
b. 1946 Illinois; M.
BS 1972 FL St Univ; MA 1973 Sangamon St Univ; 1973-74 Univ of IL.
Fields: 073, 135, 131, 141.
Prev Emp: Instr, Jones College, Orlando FL 1974-75; Mktg Spec, FL Dept of Agr, Orlando FL 1974-75; Res Asst, Univ of IL, Urbana 1973-74.
Pub: Marketing Florida Ornamental Crops Summary 74-75, FL Dept of Agr 1975; Marketing Florida Vegetables Summary 1974-75, FL Dept of Agr 1975; Marketing Florida Sub Tropical Fruits & Vegetables 1974-75, FL Dept of Agr 1975.
Lang: Sp 2-2-3.
Mbr: AEA.

GRIFFIN, David W., 415 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14850; PH 607-256-5413.
Res Asst, Cornell Univ (03) 07, 23.
b. 1950 Vermont; M.
BS 1972, MS 1975 Rutgers Univ.
Fields: 014, 080, 062.
Prev Emp: Res Asst, Rutgers Univ, New Brunswick NJ 1973-75; Instr, Kings College, Durham NC 1972-73.
Mbr: NAEC.

GRIFFIN, Steven C., Dept of Econ, IA St Univ, Ames IA 50011; PH 515-294-1183.
Res Asst, IA St Univ (03) 07, 23.
b. 1952; U.
BS 1973 MS 1976 OK St Univ.
Fields: 010, 080, 020.
Prev Emp: Res Asst, OK St Univ 1974-75.
Mbr: SAEA; WAEA.
Hon: Phi Kappa Phi; Alpha Zeta.

GRIFFIN, Wade L., Room 3, Agr Bldg, TX A&M Univ, College Station TX 77843; PH 713-845-2333.
Asst Professor, TX A&M Univ (03) 07, 08.
b. 1941; M-3.
BS 1967, MS 1968 TX Tech Univ; PhD 1972 OR St Univ.
Fields: 024, 011, 012, 038.
Prev Emp: Res Asst, OR St Univ 1972; Res Econ, Mgmt Res. Assoc, 1971; Res Asst, OR St Univ 1968-70.
Pub: Sensitivity of Profit to Fertilizer Level, Marine Fisheries Review 1975; Tax in Kind to Reduce Supply and Increase Income: Comment, AJAE 1973; External Costs of Land Subsidence in the Houston-Baytown Area, AJAE 1975. Mbr: WAEA; SAEA.

GRIFFING, Milton E., PO Box 970, Bozeman MT 59715; PH 406-585-4327.
Agr Econ, Soil Conservation Service (23) 15, 22, 18.
b. 1926; M-7.
BS 1950 CO St Univ; MS 1959 ND St Univ.
Fields: 020, 021, 011, 017.
Prev Emp: Agr Econ, ERS-USDA, Lincoln NE 1960-64; Res Asst & Instr, ND St Univ, 1958-59; Vets Agr Instr, Greenbush Cons. School, Greenbush MN 1951-58.
Pub: Crop Limiting Easements, JFE 1964; Several Watershed Work Plans, SCS, Montana 1965-70; Mt Supplement, Wind-Big Horn-Clark Fork River Basin, Report SCS, Montana 1974.
Lang: Ger 1-0-3, Fr 1-0-3.
Mbr: WAEA; NGS; NASCD.

GRILICHES, Zvi, 1737 Cambridge Street, Room 414, Cambridge MA 02138; PH 617-495-2181.
Professor, Harvard Univ (03) 07, 08.
b. 1930; M-2.
BS 1953, MS 1954 Univ of CA, Berkeley; MA 1955, PhD 1957 Univ of Chicago.
Fields: 081, 041, 105.
Prev Emp: Prof., Univ of Chicago 1956-69.
Pub: Hybrid Corn, Econometrica, October 1957; The Sources of Measured Productivity, JPE; Economies of Scale and the Form of the.....North Holland Publishing Co 1971.
Lang: Russian; Other: Heb 1-1-1.
Mbr: ES, Pres. 1975; AEA; ASA.
Hon: Who's Who in Am; Several AFEA Prizes; J B Clark Medal (AEA 1965); Elected to the Natl Acad of Science 1975.

GRIMES, Glenn A., 226 Mumford Hall, Dept of Agr Econ, Univ of Missouri, Columbia MO 65201; PH 314-882-7367.
Professor, Univ of MO (03) 09, 08, 07.
b. 1923; M-2.
BS 1951, MS 1965 Univ of MO.
Fields: 014, 016.
Pub: Operating Costs & Returns Auction Markets, Univ of MO 1966; Large Volume Hog Production in U.S., Univ of MO 1975; Beef Slaughtering Opportunities in Missouri, Univ of MO 1967.

GRINNELL, Gerald E., Room 190, 500 12th Street, SW, Washington DC 20250; PH 202-447-2623.
Agr Econ, NEAD-ERS-USDA (16) 07.
b. 1944; M-2.
BS 1966, PhD 1973 Univ of KY.
Fields: 015, 101, 014.
Prev Emp: Assoc Prof, Morehead St Univ, 1971-74.
Pub: Factors Influencing the Efficiency of Livestock Auction Markets in Kentucky, Univ of KY 1969; An Economic Analysis of Kentucky's Livestock Auction Markets, Univ of KY 1973.
Lang: Sp 3-0-0.

GRISE, Verner N., 500 12th Street, SW, Washington DC 20250; PH 202-447-5327.
Agr Econ, ERS-USDA (16) 07.
b. 1942; M.
BA 1963 Western KY Univ; MS 1965, PhD 1968 Univ of KY.
Fields: 011, 016, 121.
Pub: Structural Char of Flue Cured Tobacco Farms and Prospects for Mechanization, Washington DC 1975; An Economic Analysis of Cling Peach Production With Emphasis on Harvest Mech., Washington DC 1973; The Optimum Geographical Location of Burley Tobacco Production Within the Burley Belt, SJAE 1970.
Lang: Fr 1-1-1.
Mbr: SAEA.

GROENEWEGEN, John R., Dept of Agr Econ, Univ of Guelph, Guelph, Ontario, Canada; PH 519-824-4120, Ext 3428.
Graduate Student, School of Agr Econ (03) 23, 07, 08.
b. 1952; Citz: Canada. M-1.
BS 1975, Ontario Agr College.
Fields: 010, 016, 014.
Pub: Commodity Futures Markets Hedging Opportunities for Ontario Pork Producers, Univ of Guelph 1976.
Lang: Dutch 2-0-2.
Mbr: CAES.
Hon: C. W. Riley Award, Canada Packers Scholarship.

GROMMET, Allen C., 214 House Annex #1, Washington DC 20515; PH 202-225-7200.
Budget Priorities Anal, U.S. House Budget Committee (78) 18, 19, 15.
b. 1946 Illinois; M.
BS 1969 Univ of IL; MA 1973, PhD 1975 MI St Univ.
Fields: 136, 017, 033, 111.
Prev Emp: Grad Asst, MI St Univ, 1970-74; Legis Aide, IL House of Reps, Speakers Staff, Springfield IL 1969-70.
Pub: The Influence and Behavior of Interest Group Leaders in the Public Decision Process, Dissertation MI St Univ 1975.
Mbr: AEA.

GROSSMAN, Elliot S., 845 Third Avenue, New York NY 10022; PH 212-759-0900.
Econ, The Conference Board (70) 15, 07, 08
b. 1944; M.
BS 1966, MS 1968, PhD 1973 Rutgers Univ.
Fields: 081, 086, 055.
Prev Emp: Adj, Asst Prof, Pace Univ, Pleasantville NY 1972- --; Regional Econ, Army Corps of Engineers, NY 1972-74.
Pub: Capital Appropriations and Expenditures: A Quarterly Forecasting Model The Conference Board 1975.
Mbr: AEA; NABE.
Hon: Alpha Zeta.

GROVE, Ernest W., Tobacco & Peanut Div, ASCS, USDA, Washington DC 20250; PH 202-447-5993.
Staff Econ, Tobacco & Peanut Div (23) 19, 18, 07.
b. 1910; M-2.
BA 1932, PhD 1948 Univ of CA, Berkeley.
Fields: 017, 013, 086, 087.
Prev Emp: Head, Farm Income Estimates, USDA, Washington DC 1954-60; Agr Econ, BAE-USDA, Washington DC 1936-41,1946-53; St Cont Officer, HQ Army Serv Forces, Washington DC 1942-45.
Pub: Rich Farmers and the Hungry Poor, Challenge Magazine 1973; Realized Farm Income: An Outmoded Concept, JFE 1967; The New Dic in Agriculture, JFE 1963.
Lang: Fr 2-3-3, Ger 3-3-3.
Mbr: CRIW; IAAE; AAAS.
Hon: Am Men & Women of Science; Who's Who in South & Southwest; Phi Beta Kappa, Delta Sigma Rho Fellow; AAAS.

GROVES, Francis W., 350 Agr Hall, Univ of WI, Madison WI 53706; PH 608-262-3653.
Professor, Dept of Agr Econ, Univ of WI (03) 09, 02, 07.
b. 1925; M-3.
BS 1951, MS 1958, PhD 1960 Univ of WI.
Fields: 014.

Prev Emp: Dir of Qual Control, Prairie Farms, Bloomington IL 1955-56; Plant Supt. Dolly Madison Dairies La Crosse WI 1954-55; Asst Dir of Res, Formost Dairies, Ridgeland WI 1953-55.
Pub: Cooperative Communications, Univ of WI 1970-71; Structure & Comp in the Dairy Industry, Washington DC 1966.
Mbr: ACE.
Hon: Epsilon Sigma Phi; Alpha Zeta; Assn of Cooperative Educ; Achievement Award Midwest Members Rel Conf; Award of Merit, Coop Month, Cooperative Communications Award.

GROVES, John S., PO Box 4041, Melbourne, Victoria, Australia; PH 03-81-1508.
Econ Officer, Dept of Agr (40) 07, 18, 05.
b. 1945; Citz: Australia; M-2.
BS 1968 Univ of WA.
Fields: 010, 060, 033, 081.
Mbr: AAES, Hon Sec Treas (Vic Br); ESANZ.

GROWALD, Paul J., 1460 Koll Circle, San Jose CA 95112; PH 408-251-4055.
Food Bank Director, Econ & Soc Opportunities Inc (71) 04, 18, 22.
b. 1948; U.
BA 1970 Northwestern Univ; MA 1971 Occidental College.
Fields: 026, 105, 017, 014.
Prev Emp: Exec Asst, Stanford Univ, CA, 1971-74.
Lang: Swahili 2-2-2.
Mbr: AAAS.

GRUBB, Herbert W., 411 West 13th Street, Austin TX 78701; PH 512-475-6021.
Sect Chief, Office of the Governor of Texas (40) 06, 07, 18.
b. 1936; D - 2.
BS 1958 Berea College; MS 1960 OK St Univ; PhD 1964 NC St Univ.
Fields: 075, 077, 081, 085.
Prev Emp: Prof 1972, Assoc Prof 1966-72, Asst Prof 1964-66 TX Tech Univ.
Pub: A Structural Analysis of the TX Economy Using Input-Output Models; Vol. I & II, Office of the Governor, Austin TX, Dec 1972; An Economic Analysis of Declining Petroleum Supplies in TX: Income, Employment, Tax and Production Effects as Measured by Input-Output & Supply Demand Simulation Models, Off of the Governor, Austin TX 1975; Water Resources Planning: Analytic Techniques and Policy Implications from a State Viewpoint, WAEA July 1975.
Lang: Fr 3-0-0, Ger 3-0-0.
Hon: Who's Who in America.

GRUEBELE, James W., 305 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 61801; PH 217-333-0725.
Professor, Univ of IL (03) 08, 09, 07.
b. 1935 ; M-3.
BS 1958 ND St Univ; MS
Fields: 014, 017, 018.
Prev Emp: Milk Mktg Spec, Great Basin Fed Milk Order, Salt Lake City 1961-62; Vo Agr Instr, Vien Public Schools, MN 1958-59.
Pub: The Effect of Labor Union Restrictions on Innovations & Their Relationship to Market Perf, IL Agr Exp Sta Bull #751, 1975; Compensating the Human Cost of Inc Prod of Fluid Milk Drivers, AJAE 1974; Impact of Food Chain Procurement Policy on Fluid Milk Processing Industry, AJAE 1970.
Lang: Ger 3-3-2.
Mbr: AEA.
Hon: Outstanding Instr, Coll of Agr, Univ of IL 1973; Sigma Xi; Phi Kappa Phi.

GUEBERT, Steven R., 3414 South Wakefield Street, Arlington VA 22206.

GUEDRY, Leo J., Dept of Agr Econ & Agri Bus, LA St Univ, Baton Rouge LA 70803; PH 504-388-3283.
Assoc Prof, LA St Univ (03) 07, 08.
b. 1940 Louisiana; M-2.
BS 1963 LA St Univ; MS 1965 Univ of IL; PhD 1970 OR St Univ.
Fields: 030.
Prev Emp: Asst Prof, LA St Univ, Baton Rouge LA 1969-74; Asst in Agr Econ, OR St Univ, Corvallis 1967-69; Res Asst, Univ of IL, Urbana 1963-65.
Pub: Application of a Multi-Commodity Transportation Model to the U.S. Feed Grain Economy, Studies in Econ Plan Over Space & Time (Book) 1973; Econ. Interrelationships in a Rural Community in Louisiana, Dept Res Rep DAE 461, 1973; Effect of Output Changes on Income, Employment and Output in Assumption Par., Dept Res Dept DAE 486, 1975.
Mbr: AEA; SAEA; WAEA.
Hon: Am Men & Women of Sci; Who's Who. In The West; Omicron Delta Kappa; Phi Kappa Phi; Gamma Sigma Delta.

GUERRA, Fernando P., Insurgentes Norte 423, Piso 11, Div de Planeacion, Mexico 3 DF Mexico.

GUINAN, Joseph F., Canfarm, Data System Box 1024, Guelph, Ontario, Canada N1H6N1; PH 519-821-8000.
Sect Chief-Data Bank, Canfarm, Econ Br, CDA, (26) 07, 01.
b. 1938 Ireland; Citz: Ireland; M-2.
BAS 1961 Univ Coll Dublin; MAS 1964 Natl Univ of Ireland; PhD 1971 IA St Univ.
Fields: 096, 012, 083.
Prev Emp: Res Asst, IA St Univ, 1966-70; Econ, Irish Sugar Co, Dublin, 1963-65; Res Asst, Econ & Soc Res Inst, Dublin 1961-63.
Pub: Book Review, AJAE, Aug 1975; Canfarm-An Overview of Programs, Summary Report on Agr Stat, Info Canada, Sept 1975.
Lang: Fr 1-1-1, Ger 3-3-3.
Mbr: CAES.

GUITHER, Harold D., 305 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 61801; PH 217-333-1807.
Professor, Univ of IL (03) 09, 07, 08.
b. 1927 Illinois; M-3.
BS 1949, MS 1950 Univ of IL; 1951 Washington Univ, St Louis; PhD 1962 Univ of IL.
Fields: 017, 018, 157.
Prev Emp: Asst Ext Editor, Univ of IL, Coop Ext Serv, Urbana, 1956-66; Chf of Party, Univ of IL-USAID Contract, Jordan 1964-66; Agr Econ-Editor, Doane Agr Service, St Louis, 1950-56.
Pub: Who Will Control U.S. Agriculture? Univ of IL 1972; Heritage of Plenty, Interstate Printers & Publishers 1972; Mission Overseas, Univ of IL Press 1969.
Lang: Arabic 0-0-3, Fr 3-0-0.
Mbr: AHS.
Hon: Am Men & Women of Science; Who's Who in the Midwest; AAEA Award for Dist Ext Pub, 1973; Agr Comm Award; Am Assn of Agr College Editors 1961.

GUM, Russell L., Dept of Agr Econ, Univ of AZ, Tucson AZ 85721; PH 602-792-6543.
Agr Econ, USDA-ERS (16) 07.
b. 1943 California.
BS 1964, PhD 1970 Univ of CA, Davis.
Fields: 026, 025, 021, 067.
Prev Emp: Assoc Prof, Univ of AZ 1971-74; Agr Econ, USDA-ERS, Tucson AZ 1968-71.
Pub: Problems and Solutions in Estimating the Demand for and Value of Rural Outdoor Recreation, AJAE 1975; Quantifying Societal Goals: Development of a Weighting Methodology, Water Res Research 1976; Land Subsidence: An Economic Analysis, Water Res Bull 1975.
Mbr: WAEA.

GUMBMANN, Clyde E., 3420 South Stafford Street, Arlington VA 22206.

GUMMED, Amer A., Dept of Agr Econ, OK St Univ, Stillwater OK 74074.

GUNN, T. Campbell, Econ Br, Box 698, Truro, Nova Scotia, Canada, B2N5E5; PH 902-893-9311.
Econ, Agr Canada (26) 07, 20.
b. 1936 Canada; Citz: Canada; M-2.
BS 1961, OAC, Guelph; MS 1968 Univ of CT.
Fields: 012, 013, 011.
Prev Emp: Supr Farm Mgmt, NS Dept of Agr, 1972-75; Farm Mgmt Spec, NS Dept of Agr, Truro 1968-72; Agr Rep, NS Dept of Agr, Windsor, 1963-66.
Pub: Econometric Analysis of Post War Demand for Farm Labor in the Northeastern U.S., Univ of CT 1968.
Mbr: CAES; NAEC.

GUNTER, Danny L., McCarty Hall, Food & Resource Econ Dept, Univ of FL, Gainesville FL 32611; PH 904-392-1881.
Asst Professor, Univ of FL (03) 09, 07.
b. 1947 Tennessee; M-1.
BS 1968 TN Tech Univ; MS 1972 Univ of AR; PhD 1975 Univ of TN.
Fields: 011, 012, 093, 031.
Prev Emp: Res Asst, Univ of TN, 1972-75; S Sgt - Mgmt Anal, U.S. Air Force, TX and Turkey 1969-72.
Pub: The Influence of Comm Char on Ind Plantloc, TN Farm & Home Sci Magazine 1974; Emp Patterns Result from New Mg PH Loc & Exp, TN Farm & Home Sci Mag, 1976.
Lang: Turkish 0-0-3.
Mbr: SAEA.
Hon: Gamma Sigma Delta; Delta Tau Alpha; Prod. Credit Scholarship Recipient.

GUSTAFSON, Albert W., Dept of Consumer Science, PO Box 1488, University AL 35486; PH 205-348-6178.
The Univ of AL (03) 08, 07.
b. 1945 Illinois; M-1.
BS 1970, MS 1973 So. IL Univ, Carbondale; PhD 1976 Univ of IL, Urbana.
Fields: 053, 054, 050.
Prev Emp: Asst Prof, Univ of AL, Tuscaloosa 1976; Instr Univ of AL, 1974-76; Res Asst, Univ of IL, Urbana 1972-74.
Pub: Early Background and Later Life Style, Illinois Research 1974; Consumer Preference for Imitation Milk Beverages AJAE 1969.
Mbr: ACCI; AHEA.
Hon: 1st Award, 1969 AAEA Student Essay Contest.

GUSTAFSON, Greg C., NRED-ERS-USDA, 500 12th Street SW, Washington DC 20250.

GUSTAFSON, Robert L., Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-355-1813.
Professor, MI St Univ (03) 07, 08.
b. 1920 Michigan; M-1.
BS 1941 Univ of MI; AM 1951, PhD 1958 Univ of Chicago.
Fields: 080, 060.
Prev Emp: Asst Prof, Univ of Chicago, 1954-58; Lt (JG) U.S. Navy 1944-46; Eng., McDonnell Aircraft Corp, St Louis MO 1941-44.
Mbr: AEA; Econometric; ASA.

GUSTAFSON, Ronald A., 500 12th Street SW, Rm 361, Meat Animal Group, CED-ERS-USDA, Washington DC; PH 703-447-8712.
Agr Econ, CED-ERS-USDA (16) 07.
b. 1943 Illinois; M-2.
BS 1965, MS 1968 OK St Univ; Postoral 1975, Univ of CA, Davis.
Fields: 011, 014, 101, 151.
Pub: Optimum Decisions for a Fixed Feedlot Facility with Linear Program OK St Univ 1968; Cattle Feeding in the United States, ERS-USDA 1970.
Mbr: AEA; WAEA.
Hon: Omicron Delta Epsilon.

GUTHRIE, Thomas L., 4018 Thorton Drive, Fort Wayne IN 46805.

GUSTAFSSON, Bengt S., Dept of Farm Bldg, Box 624, 22006 Lund, Sweden; PH 046-117-510.
Docent, Agr Univ, Lund, Sweden (03) 07, 02.
b. 1930 Sweden; Citz: Sweden; M-2.
BS 1956 Swedish Agr Univ, Uppsala; MS 1964 Univ of IL; PhD 1969 Purdue Univ.
Fields: 153, 011.
Lang: Swedish; Other: Eng 1-1-1, Ger 1-1-2.
Mbr: NJF; CIGR.

GUTIERREZ, Jose Santos L., PO Box 138, Hermosillo, Sonora, Mexico; PH 221-00.
Dir, Mezquital Del Oro, SA (51) 11, 05, 10.
b. 1945 Mexico; Citz: Mexico; M-2.
BS 1968, MS 1971 Univ of CA, Davis.
Fields: 014, 095, 093, 094.
Lang: Spanish; Other: Eng 1-1-1.

HAACK, Richard E., School of Agr Econ & Ext Educ, Univ of Guelph, Guelph, Ontario, Canada N1G 2W1; PH 519-824-4120.
Grad Res Asst, Univ of Guelph (03) 23, 07.
b. 1946 Canada; Citz: Canada; M-2.
BA 1967 Regina; BS 1975 Guelph.
Fields: 014, 016, 074, 084.
Lang: Fr 1-3-2.
Mbr CAEA.

HACKLANDER, Duane D., 500 12th St, Washington DC 20250; PH 202-447 7340
Agr Econ, CED-ERS-USDA (16) 07.
b. 1939 Minnesota; M-3.
BS 1960, MS 1962 Univ of MN; PhD 1971 MI St Univ.
Fields: 016.

HADLEY, Herbert H., 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-6021.
Professor, OH St Univ (03) 09, 07.
b. 1919 Iowa; M-3.
BS 1942 OH St Univ; MS 1953, PhD 1967 MI St Univ.
Fields: 017, 018, 014.
Prev Emp: Dist Supr, OSU, Ext Serv, Columbus OH 1954-69; Co Ext Agt, OH St Univ, Lima, 1946-54; Voc Agr Tchr, Sullivan OH 1944-46.
Pub: 1976 Ohio Outlook Guide, OH St Univ, 1976; Summary and Analysis of OH Graded Feeder Pig Auctions, OH St Univ 1976; Marketing Problems and Alternatives: The Why and How of a Feeder Cattle Auction, OH St Univ 1976.
Lang: Sp 3-0-0.
Mbr: Epsilon Sigma Phi, Sec-Treas.

HADY, Thomas F., EDD-ERS-USDA, Washington DC 20250; PH 202-447-8200.
Deputy Director, EDD-ERS-USDA (16) 06, 07,08.
b. 1933 South Dakota; M-2.
BS 1955, PhD 1961 Univ of MN.
Fields: 039, 030, 136, 137.
Prev Emp: Chf, Comm. Fac Br, EDD-ERS-USDA, Washington DC 1965-73; Ldr, Farm Taxation & Local Government, FPE-ERS-USDA, 1964-65; Res Econ, FPE-ERS-USDA, Washington DC 1962-64.
Pub: State Programs for Diff Assessment Farm - Open Space Land, ERS-USDA Report #256, 1974; Alternatives to Property Tax for Education Finance, SJAE 1973; Diff Assessment of Farmland on Rural Urban Fringe, AJAE 1970.
Lang: Sp 3-0-0.
Mbr: AEA; NTA.
Hon: Phi Beta Kappa; Delta Sigma Rho; Am Men & Women of Science.

HAESSEL, Walter W., Department of Econ, Univ of W. Ontario, London, Ontario Canada; PH 519-679-3740.
Asst Professor, Univ of W. Ontario (03) 07, 08, 02.
b. 1941 Canada; Citz: Canada; M-2.
BS 1964, MS 1966 Univ of Alberta; PhD 1970 IA St Univ.
Fields: 081, 040, 073, 016.
Prev Emp: Visiting Lecturer, Univ of Ghana, 1971-74; Res Assoc, IA St Univ 1968-70.
Pub: Social Profitability of Export Subsidies, AJAE 1975; Price and Income Elasticities of Marketed Surplus, AJAE 1975; Agricultural Demand in Ghana: An Application of Nonlinear 2SLS, With Prior Information, AJAE 1976.
Lang: Ger 2-3-2.
Mbr: AEA, CEA.
Hon: Editorial Board, Econ Bulletin of Ghana 1972-74; Phi Kappa Phi; Gamma Sigma Delta.

HAFFERT, William A. Jr., Garden State Publishing Company, 4411 Landis Ave, Sea Isle City NJ 08243.

HAGAN, Albert R., Department of Agricultural Economics, 223 Mumford Hall, Univ of Missouri, Columbia MO 65201.

HAGEN, John W., Department of Agricultural Economics, California State Univ, Fresno CA 93740; PH 209-487-2949.
Professor, CA St Univ, Fresno (03) 08.
b. 1930; M-3.
BS 1953, MS 1957 ND St Univ; PhD 1968 WA St Univ.
Fields: 014, 017.
Prev Emp: Agricultural Economist, USDA, Fresno CA 1965-69; Jr. Agr Economist, WA St Univ 1962-64; Marketing Specialist, NC Extension Service, Raleigh 1957-60.
Pub: U.S. Mushroom Prod & Mktg, Fresno State Univ 1974.
Lang: Sp 3-0-0.
Mbr: WAEA.
Hon: Outstanding Educator of America; Salgo Noren Award for Excellence in Teaching.

HAHN, David E., The Ohio State University, 2120 Fyffe Road, Columbus OH 43210; PH 614-422-2641.
Associate Professor, Department of Agricultural Economics & Rural Soc, OH St Univ; (03) 08, 07, 10.
b. 1938 Ohio; M-1.

BS 1960 OH St Univ; MS 1963 PA St Univ; PhD 1968 Cornell Univ.
Fields: 015, 093, 094, 102.
Prev Emp: Asst Prof, OH St Univ 1967-71; Res Asst, Cornell Univ 1963-67; Res Asst, PA Exp Sta, 1961-63.
Pub: Govt Policy on Dairy Industry, OH Res Devl Center 1976; Banks and Agr Lending, OH Res Devl Center 1974; Cai & Teaching Prod Econ, JNACTA 1974.
Lang: Ger 2-3-3, Fr 2-3-3.
Mbr: ADCIS, AATA, NAC.
Hon: Who's Who in America, American Men & Women of Science, Alfred J. Wright Teaching 1975; Gamma Sigma Delta Teaching Award 1972.

HAIDACHER, Richard C., Rm 255, GHI Bldg, 500 12th Street SW, Washington DC 20250; PH 202-447-7133.
Supvr Agr Econ, ERS-USDA (16) 07, 15, 18.
b. 1932 Illinois.

HALBROOK, Waymon A., Dept of Agr Econ, Univ of Arkansas, Fayetteville AR 72701; PH 501-575-2256.
Professor, Univ of Arkansas (03) 07, 08.
b. 1927 Arkansas; M-2.
BS 1950, MS 1964 Univ of AR; PhD 1967 OK St Univ.
Fields: 011, 012.
Prev Emp: Asst-Assoc Prof., Univ of AR, 1966-75.

HALCROW, Harold G., 455 Bevier Hall, Univ of IL, Urbana IL 61801; PH 217-333-4244.
Professor, Univ of IL, Urbana (03) 07, 08.
b. 1911 North Dakota; M-5.
BS 1937; MS 1938; PhD 1948.
Fields: 017, 041, 026, 015.
Prev Emp: Prof, Univ of CT 1949-57; Prof, MT St Univ, 1938-41 and 1946-49.
Pub: Agricultural Policy of the United States, New York 1953; Federal Lending and Loan Insurance Modern Land Policy, Princeton NJ 1958 and Urbana IL 1960.
Lang: Ger 2-0-0.
Mbr: AEA, WAEA, Rural Soc.
Hon: Who's Who in America, Dir. of Am Scholars, American Men & Women of Sci.

HALDEMAN, Earl N. III, 510 Locust Street, St Louis MO 63101; PH 314-342-6742.
Commercial Banking Officer, First Natl Bank (54) 17.
b. 1946 Missouri; M-1.
BS 1968 Culver-Stockton College; MS 1970 Univ of MO.
Fields: 013, 094, 132, 018.
Prev Emp: Asst V. Pres., 1st Natl Bank, St Joseph MO 1970-76.
Mbr: AIB.

HALL, Harry H., Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506; PH 606-257-1636.
Assoc Prof, Univ of KY (03) 07, 08.
b. 1934 Missouri; M-2.
BS 1956 Univ of MO; MS 1964 OK St Univ; PhD 1969 IA St Univ.
Fields: 011, 081, 084.
Prev Emp: Res Asst-Assoc, IA St Univ, 1963-69; Assoc Co Agt, Univ of MO, Lynn, MO 1959-61.
Pub: Spatial Equil in U.S. Agriculture, SIAM Review, 1975; Grain Flows in Kentucky: 1970, Agr Econ Res Rpt KY Agr Exp Sta 1974; Quad Prog Soln of Comp Equil in U.S. Agriculture, AJAE 1968.
Mbr: AEA, SAEA, ASA.
Hon: Phi Kappa Phi, Sigma Xi, Am Men & Women of Science.

HALL, Harwood L., 224 W. Winton Avenue, Hayward CA 94544; PH 415-881-6348.
Farm Adv, Univ of CA (03) 09.
b. 1914 California; M-2.
BS 1935 Univ of CA; MS 1959 Cornell Univ.
Fields: 152.

HALL, Howard L., Foreign Demand & Competition Div, 500 12th Street SW, Washington DC 20250; PH 202-447-8133.
Prog Ldr, U.S. Government (16) 06, 07.
b. 1915 Kansas; M-1.
BS 1937, MS 1950 KS St Univ; PhD Cand. for 2 years, IA St Univ.
Fields: 110, 018, 016, 011.
Prev Emp: Asst Br Chf, ERS, Washington, DC 1962-72; For Agr Econ, W. Hemp. Br, ERS, Washington DC 1960-62; For Agr Econ, Latin Am Br, FAS, Washington DC 1957-60.
Pub: Agricultural Situation in Western Hemisphere, Washington DC 1960-72; Agricultural Policies in Western Hemisphere, Washington DC 1967; Peru: Market and Competitor for U.S. Farm Products, Washington DC 1966.
Lang: Sp 2-3-3.
Hon: Superior Service Award-ERS.

HALL, James T., ES-USDA, Room 5929 South Bldg, Washington DC 20250; PH 202-447-7947.
Econ-Mgmt, USDA (17) 09, 22, 20.
b. 1931 Pennsylvania; M-4.
BS 1953, MS 1958 PA St Univ.
Fields: 012, 014, 013,152.
Prev Emp: Mgr. Int Min & Chem Corp, Skokie IL 1964-70; Ext Spec, PA St Univ, 1960-64; Mgr, PA Farmers' Assoc, Camphill PA 1957-60.
Pub: Poultry Costs & Returns, Univ Park PA 1962-64; Earning a Living With Sheep, Washington DC 1973; So You Want to Farm, Washington DC 1976.
Mbr: NESFM, WAEA.
Hon: Phi Kappa Phi, Gamma Sigma Delta, USDA Merit Award.

HALL, Nigel H., Dept of Agr Econ, School of Agr, The Univ, Newcastle-upon-Tyne, England.
Prin Res Off, Australian Public Service (78) 23.
b. 1943 UK; Citz UK; M-1.
BS Newcastle-upon-Tyne, UK; Diploma in Agr Econ, Oxford, UK.
Fields: 075, 014, 016, 083.
Prev Emp: PRO Class 8, Bureau of Agr Econ, Canberra, Australia.
Pub: Production of Field Crops in Australia Recent Trends and Future Prospects, BAE, Canberra 1974.
Lang: Fr 2-3-3.
Mbr: AEA.

HALLBERG, Milton C., 101 Weaver Bldg, Dept of Agr Econ, PA St Univ, University Park PA 16802; PH 814-865-0467.
Professor, Agr Econ, PA St Univ (03) 07, 08.
b. 1936 Illinois; M-1.
BS 1960, MS 1961 Univ of IL; PhD 1965 IA St Univ.
Fields: 081, 017, 016, 014.
Prev Emp: Econ, ERS-USDA, Washington, 1972-73.
Pub: Policy Simulation Model of U.S. Dairy Industry, PA Agr Exp Sta 1976.
Mbr: AEA, ASA, Econometric Society.

HALSEY, Lawrence A., Drawer "A" AREC, Belle Glade FL 33430; PH 305-996-3062.
Area Farm Mgmt Econ-Asst Prof, Univ of FL Coop Ext Serv (03) 20, 09.
b. 1947 Florida; M.
BA 1969 Pfeiffer College; MAMRD 1974 Univ of FL.
Fields: 012, 011.
Prev Emp: Volunteer, Peace Corps, Costa Rica, 1969-72.
Lang: Sp 2-3-1.
Mbr: Am Soc Sugar Cane Tech; FL St Hort. Soc.

HALTER, Albert N., PO Box 10412, Palo Alto CA 94303; PH 415-493-4800.
Sci Staff, Electric Power Res Inst, (71) 07.
b. 1927 Wisconsin; M-3.
BS 1952, MS 1953 IA St Univ; PhD 1956 MI St Univ; 1947-50 Univ of WI.
Fields: 081, 082, 083, 088.
Prev Emp: Prof, OR St Univ 1960-76; Asst Prof, Univ of KY, 1956-60.
Pub: Decision Making Under Uncertainties, SW Pub Co 1971.
Mbr: Econometric Soc, WAEA, Pres 1973-74.
Hon: Am Men & Women of Sci, Sigma Xi, Phi Delta Kappa, Phi Kappa Phi.

HALVORSON, Lloyd C., CSRS-USDA, Washington DC 20250; PH 202-447-2584.
Prin Agr Econ, CSRS-USDA (23) 06.
b. 1918 Minnesota; M-4.
BS 1939, PhD 1943 Univ of MN.
Fields: 014, 011, 017, 013.
Prev Emp: Econ, Ntl Grange, Washington DC 1945-57; Econ, Farm Credit Adm, Washington DC 1942-45.
Pub: A Quarter Century of Agricultural Economics in Retrospect and in Prospect, SJAE, 1975.
Hon: BS w/ High Distinction.

HALVORSON, Murill P., 277 Park Avenue, New York NY 10017; PH 212-826-5436.
Commodity Anal, Continental Grain Co (51) 15, 07, 10.
b. 1944 North Dakota; U.
BS 1966 ND St Univ; MS 1968 IA St Univ; 1970-71 Sorbonne Univ, Paris, France.
Fields: 014, 018, 080, 016.
Prev Emp: Res Asst, IA St Univ, 1973-74; Instr, WI St Univ, Whitewater, 1968-70; Res Asst, IA St Univ, 1966-68.
Pub: Parametric Solutions to the Stallsteimer Model, AJAE November 1970; Least Cost Size, Number and Location of Turkey Processing Plants, North Central Region, August 1969.
Lang: Fr 1-2-1.
Mbr: ASA.
Hon: AAEA MS Thesis Award 1969.

HAMA, Mary Y USDA-ARS-CFEI, Fed Bldg, Rm 333, Hyattsville MD 20782; PH 301-436-8483.
Economist, USDA-ARS (15) 07.
b. 1945 Japan; Citz: USA; U.
BS 1967 Univ of CA-Berkeley; MS 1969 Univ of MN.
Fields: 050, 040.
Prev Emp: Econ, USDL-BLS, Washington DC 1969-74.
Lang: Jap 3-3-2, Fr 3-3-3.

HAMILTON, Henry G., 505 SW 10th Street, Gainesville FL 32601; PH 904-376-5269.
Retired Consultant, Self Employed (51) 26, 15.
b. 1895 Tennessee; M-3.
BSA 1921, MSA 1923 Univ of FL; PhD 1928 Cornell Univ.
Fields: 014, 012, 016.
Prev Emp: Head Dept, Univ of FL 1950; Prof, Univ of FL 1934; Assoc Prof, Univ of FL 1925.
Pub: Marketing Citrus Fruit, Univ of FL 1940; Cost of Handling Citrus Fruit, Univ of FL 1936.
Lang: Fr 3-0-0, Ger 3-0-0.
Hon: Who's Who in America, American Men & Women of Science.
Mbr: ICAE.

HAMILTON, Joel R., Dept of Agr Econ, Univ of ID, Moscow ID 83843; PH 208-882-6262.
Assoc Prof, Univ of ID (03) 07, 08.
b. 1944 USA; M-1.
BS 1966 U. of WI; PhD 1971 U. of CA Ber.
Fields: 030, 040, 080, 014.
Prev Emp: Econ, Cost of Living Coun, 1974.
Pub: Acreage Response of Fruit & Nut Crops Dissertation, U. of CA, Berkeley 1971; A Conceptual Framework for Research on Migration, Land Econ 1976; Evaluation Criteria for Wild Rivers, Jour of Am Waters Res Assn 1975. Mbr: AAUP, WAEA.

HAMILTON, Jose Aquiles, Centro de Los Heroes, Santo Domingo.
Econ., State Sugar Coun, Dom Rep 1974 (15)
b. 1945 Dominican Rep; Citz: DR; M-2.
Lic Economics 1970 Madre y Maestra; Agr Econ 1976, NM St Univ.
Prev Emp: Econ, Plng St Sugar Coun, DR 1974; Econ, Inst of Stab of Prices, DR 1975.
Lang: Spanish; Other: Eng 1-2-2.

HAMILTON, L.W. 22 Birch Street, Guelph, Ontario, Canada N1G 2N3.

HAMILTON, Thomas E., 900 Ridley Creek Drive, Media PA 19063.

HAMILTON, William E., 225 Touhy Avenue, Park Ridge IL 60068; PH 312-696-2020.
Chf Econ, Am Farm Bur Fed (54) 18, 27.
b. 1915 Iowa; M-2.
BS 1938; 1938-40 IA St Univ.
Fields: 017, 018, 013.
Mbr: IAAE.

HAMM, Larry G., Rm 8, Agr Hall Dept of Agr Econ, MI St Univ, E Lansing MI 48823; PH 517-353-9778.
Agr Econ, USDA-ERS (16) 07, 23.
b. 1947 Pennsylvania; M.
BS 1969 PA St Univ; MS 1972 Univ of WI.
Fields: 015, 101, 014, 102.
Prev Emp: Agr Econ, USDA-ERS 1975; Res Asst, MI St Univ 1973-75; Res Spec, Univ of WI 1972-73.
Pub: Trends in Industrial Mkt Conc. 1947-70, Rev of Econ & Stat, 1974; Public Policy Toward Mergers in the Dairy Processing Industry, NC 117 Mono #3 1976.
Hon: Alpha Zeta, Gamma Sigma Delta.

HAMMIG, Michael, Dept of Agr Econ, WA St Univ, Pullman WA 99163.

HAMMOND, David H., Box 1427 Cedar Rapids IA 52406; PH 319-363-9637.
Assoc Prof, IA St Univ (03) 09.
b. 1937 Iowa; M.
BS 1960, MS 1964, PhD 1968 IA St Univ.
Fields: 031, 038, 017, 047.
Mbr: AEA, CDS.

HAMMOND, Henry D., 1720 Peachtree Rd, NW, Atlanta GA 30309; PH 404-526-5663.
Econ, USDA, Forest Serv (23) 15,14,19.
b. 1925 South Carolina; M-2.
BS 1950 Clemson Univ.
Fields: 021, 023, 026, 030.
Prev Emp: Econ, Corps of Eng 1969; Econ, SCS, Columbia SC 1967.
Lang: GEr 2-3-2, Fr 2-3-2.
Mbr: AEA; SCSA VP Ga. Chapter.

HAMMOND, Jerome J., USDA-ERS-NEAD, 500 12th Street SW #250, Washington DC 20250; PH 202-447-6363.
Agr Econ, USDA (16) 07.
b. 1942 Washington; M.
BA 1968 Central Wa St Coll; PhD 1974 Wa St Univ.
Fields: 019, 018, 030, 020.
Prev Emp: Res Asst, WA St U. 1970-73.
Pub: The Econ Effects of a Guaranteed Annual Income on a Reg Econ, Agr Fin Rev 1975; The Railcar Situation & Grain Carrying Capacity, Mktg & Trans. Situation, 1975; Effects of the Proposed NE-Midwest Rail Reorg. on Rural Ares Comm. Print US Sen Comm. Agr & Forestry 1975.
Mbr: WAEA. Hon: USDA Cert Merit 1975.

HAMMOND, Jerome W., Dept of Agr & Appl Econ, Univ of MN, St Paul MN 55108; PH 612-376-3436.
Professor, Univ of MN (03) 07, 08.
b. 1933 North Dakota; M-3.
BA 1958 U of MN; MS 1960, PhD 1963 U. WI.
Fields: 014, 015, 016.
Prev Emp: Asst Prof, ND St U. 1963-64; Res Assoc, U. of WI, Madison 1960-63.
Pub: Pricing of Milk in Fed. Order Milk Markets, AJAE 1969; A Look at the Farm 1968; Social Cost of the Milk Price Support Programs, AJAE 1974.
Lang: Fr 2-2-2.

HAMMOND, John R., Statehouse, Boise ID 83720; PH 208-384-2515.
Econ, ID Dept of Water Res (40) 07,18,19.
b. 1943 New York; M-2.
BBA 1966 OH St U; MS 1972 Uof AZ.
Fields: 021, 011, 012.
Prev Emp: Econ, US For Serv 1972-73; Vol. Peace Corps, India 1966-68.

HAMMONDS, Timothy M., Dept of AGr & Res Econ, OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Assoc Professor, OR St U. (03) 07, 08.
b. 1944 New York; M-1.
MBA 1967, PhD 1970 Cornell Univ.
Fields: 014, 015, 081.
Prev Emp: Econ, Natl Assoc Food Chains, Washington DC 1975-76.
Mbr: ASA. Hon: Am Men & Women of Sci; Sch of Agr Outstdg Tchr Award 1974.

HAN, Jae-Suk, 736-5 Hannam-Dong, Yong San-Ku, Seoul, Korea.

HAND, Paul E., 1225 Industrial Highway, Southampton PA 18966; PH 215-322-0200.
Asst Mgr & Econ, Interstate Milk Prod Coop (52) 10, 15, 11.
b. 1931 Maine; M-6.
BS 1952, MS 1955 Univ of ME; PhD 1960, PA St Univ.
Fields: 014, 019, 015, 018.
Prev Emp: Instr, PA St Univ, University Park PA 1955-57.
Mbr: Reserve Off Assoc, Am Assoc of U.S. Army, Navy League of U.S.
Hon: Am Men & Women of Science, Who's Who in East, Phi Kappa Phi.

HAND, William A., Poultry Div, USDA, Washington DC 25050; PH 202-447-5767.
Agr Mktg Spec, USDA (21) 06, 18.
b. 1944 Arizona; M.
BS 1970 Clemson Univ; MS 1973 VPI & St Univ.
Fields: 014, 118, 017, 019.
Prev Emp: Agr Econ (GS-12), FCS-USDA, Washington DC 1974-75; Econ (GS-11) Cost of Living Council, Washington DC 1974; Agr Econ (GS 9-11), AMS-USDA, Washington DC 1972-74.
Lang: Sp 2-3-3, Tagalog 3-3-2.

HANES, John K., 403 Burnt Mills Avenue, Silver Springs MD 20901

HANEY, Emil B., Jr., College of Community Science, 2420 Nicolet, Green Bay WI 54302; PH 414-465-2488.
Assoc Professor, Univ of WI, Green Bay (03) 08, 07, 09.
b. 1940 Ohio; M-1.
BS 1962 OH St Univ; MS 1965, PhD 1969 Univ of WI.
Fields: 022, 026, 073, 012.
Pub: Possibilities for Economic Reorganization Minitundia in Colombia, Land Tenure Center, Univ of WI 1971; The Minitundia Dilemma. A Colombian Case Study, DC Heath 1972; El Dilema del Minitundio en Columbian, Univ Veracruces, Mexico, 1972.
Lang: Sp 1-2-1, Por 1-3-3.
Mbr: Latin Am Studies Assoc.
Hon: Sr Fulbright-Hays Lecturer, Univ Veracruzana, Mexico 1970-71.

HANLON, J. William, School of Business, Madison College, Harrisonburg VA 22801; PH 703-433-6341.
Dean-School of Business, Madison College (03) 02, 08.
b. 1937 Minnesota; M-3.
BS 1959, MS 1962, PhD 1966 Univ of MN.
Fields: 014, 061, 091.
Prev Emp: Assoc Prof, GA St Univ, Atlanta, 1972-75; Exec Dir, GA Coun on Ec Educ, 1972-75; Assoc Prof, Winona St Univ, Winona MN 1970-72; Asst Prof, No IL Univ, Dekalb IL 1968-70.
Pub: Toward a Theory of Interfirm Behavior in Oligopoly, Jour of Behavior Economics, 1973; Use of Computer Games in Teaching Micho Econ, Atlantic Econ Jour, 1973; Linear Programming, Computer Game Appr to Teaching, Proceedings Am Inst for Nec'n Sci, 1972.
Mbr: AIDS, SBAA; AEA.

HANRAHAN, Charles B., ERS-FDCD, Room 324, 500 12th Street SW, Washington DC 20250; PH 202-447-3215.
Agr Econ, ERS-USDA (15) 07, 22.
b. 1942 Kentucky; M-2.
BS 1964 Georgetown Univ; PhD 1973 Univ of KY.
Fields: 112, 073, 017.
Prev Emp: Cons., Natl Academy of Sci, Washington DC 1975; Cons., AID-African Bureau, Washington DC 1972-75; Volunteer, Peace Corps, Guina, 1965-66.
Pub: World Food Situation, USDA, 1974; U.S. Public Food Policy, USDA: 1975.
Lang: Fr 1-1-1.
Mbr: SGE, SID.
Hon: Superior Service, USDA 1975, Cert. of Merit, USDA 1975, Gamma Sigma Delta.

HANSEN, David E., Univ of CA, Dept of Agr Econ, Davis CA 95616; PH 916-752-3586.
Asst Professor, Univ of CA, Davis (03) 07, 08.
b. 1938 USA; M-2.
BS 1960, MS 1961 Univ of CA, Davis; PhD 1971 IA St Univ.
Fields: 020, 073, 038, 031.
Prev Emp: Res Assoc, Ford Foundation, IA St Univ Chapingo Proj, Mexico 1967-69; Instr-Res Asst, IA St Univ, 1964-67; Proj Ldr, Am Friends Serv Committee, Mexico 1961-63.
Pub: Detriments of Landowner Benefits From Use Value Assessment Under the CA Land Conservation ACT, AJAE, 1976; Landowner Behavior of the Rural Urban Fringe in Response to Preferential Taxation, Land Economics 1975; Idle Land; Analogy in Mexican Resource Use, Land Economics 1971.
Lang: Sp 1-1-1, Por. 2-3-2.
Mbr: IAAE, AAAS, WAEA Coun. Rep 1972-73.
Hon: Recipient-IAAE Travel Fellowship.

HANSEN, Peter L.E., 3308 Military Drive, Falls Church VA 22044.
Agr Econ (retired) ERS-USDA (16) 26.
b. 1902 Denmark; Citz: USA; M-3.
BS 1926 Royal College of Vet Med & Agr, Denmark; MS 1931 Univ of MN; 1934-35 Univ of WI.
Fields: 010.
Prev Emp: Agr Econ, ERS-USDA, Washington DC 1934-71.
Lang: Danish.

HANSEN, William J., USAE Waterways Exp Station, PO Box 631, Vicksburg MS 39180; PH 601-636-3456.
Econ, U.S. Army Corps of Engineers (26) 07, 18, 06.
b. 1943 California; M-2.
BS 1966, MS 1969 Univ of CA, Davis.
Fields: 021, 025, 035, 026.
Prev Emp: Econ, USAED, Sacramento Dist, CA 1969-76.

HANSON, Ivan Reuben, Dept of Health Adm, POB 26901, Oklahoma City OK 73190; PH 405-271-2114.
Asst Prof, Univ of OK (03) 08, 07.
b. 1934 South Dakota; U.
BS 1956, MS 1957 SD St Univ; PhD 1963 Univ of WI; 1969-70 MI St Univ.
Fields: 042.
Prev Emp: Assoc Prof, OK St Univ, Stillwater 1970-72; Sr Assoc, Plng Res Corp., Washington DC 1968-69; Asst Br Chief, USDA, Washington DC 1963-68.
Mbr: APHA, AAUP.
Hon: Am Men & Women of Science, Alpha Zeta.

HANSON, Marlin L., ERS-NRED-USDA, 500 12th Street SW, Washington DC 20024; PH 202-477-8081.
Agr Econ (GS-14) ERS-NRED-USDA (16) 07, 19.
b. 1930 Iowa; M-1.
BS 1956, MS 1959 IA St Univ; PhD 1966 Univ of NE.
Fields: 026, 021.
Prev Emp: Dir of Plng, State Land Office, Sante Fe NM, 1972-73; Asst Assoc Prof, NM St Univ, Las Cruces, 1966-71 ; Asst Prof, NM St U. 1963-66.
Mbr: WAEA.

HANSON, Ronald J., 230 Filley Hall, Univ of NE, Dept of Agr Econ, Lincoln NE 68503; PH 402-472-3401.
Asst Prof, Univ of NE, Lincoln (03) 08, 07.
b. 1945 New York; M-2.
BS 1968 Western IL Univ; MS 1970, PhD 1972 Univ of IL.
Fields: 012, 013.
Prev Emp: Asst Prof, So. IL Univ, Carbondale IL 1972-74; Res & Teaching Asst, Univ of IL, Urbana 1968-72.
Pub: Nonfarm Income Earned by Com. Farmers, AJAE 1971; Nonfarm Inc as a Substitute for Farm Enter, JAS of FM&RA 1971; Increase Farm Incomes Through Dual Employment, Agr Finance Review, 1974.
Mbr: Sigma Xi, Gamma Sigma Delta, ASFM&RA, NESFM&RA.

HANUS, Frank, 9912 - 106 Street, Edmonton, Alberta, Canada; PH 403-427-4032.
Agr, Alberta Agr (40) 19.
b. 1944 Czechoslovakia; Citz: Canada; M-2.
Diploma Eng. 1966 Agr Univ, BRNO; MS 1974 Univ of Alberta.
Fields: 020, 022, 025, 026.
Prev Emp: Prof Res Assoc; Inst for No. Studies, Saskatoon, Sask, 2 yrs; Farm Econ, State Farm, Zidlochovice, Czechoslovakia, 1966-69.
Pub: Econ Analysis of Weed Control in Alfalfa, Agr Univ BRNO 1966; Econ Analysis of Demand & Supply of Water, Univ of Alberta, Canada 1974; The Role of Birds in Recreational Activities of Saskatchewanians, Univ of Sask 1974.
Lang: Czech; Other: Rus 1-1-1, Ger 2-3-3.
Mbr: AIA, CAES.
Hon: 2nd Place, MS Thesis in Agr Econ in Canada 1975.

HARDAKER, John B., Agr Econ, Univ of New England, Armidale NSW 2351 Australia; PH 067-72-2911.
Sr. Lecturer, Univ of New England (03) 08, 07, 02.
b. 1935 England; Citz: UK; M-3.
BS 1958 Nottingham; MS 1961 London; PhD 1976 Univ of New England.
Fields: 073, 012, 084, 092.
Prev Emp: Res Off, Univ of Cambridge, UK, 1964-67; Asst Lecturer, Wye College, London Univ, Ashford Kent, England, 1961-64.
Pub: Decision Analysis in Agricultural Management, Iowa 1976; Farm Management and Agricultural Economics, Sydney 1970.
Lang: FR 2-3-3, Ger 3-0-0.
Mbr: Australian AES, IAAE, AES (UK).

HARDIE, Ian W., Dept of Agr & Res Econ, Univ of MD, College Park MD 20742; PH 301-454-3804.
Assoc Prof, Univ of MD (03) 07, 08.
b. 1938 California; M-2.
BS 1960 Univ of CA, Davis; PhD 1966 Univ of CA, Berkeley.
Fields: 023, 014, 015, 025.
Prev Emp: Asst Prof, Univ of CT, Storrs, 1965-69.
Pub: Shadow Prices as Cooperative Payments, AJAE 1968; Inter-Order Milk Prices, Exp Sta Bull 1972; Processing Lines, Delmarva Tomato Canneries, Exp Sta Bull 1975.
Mbr: AEA, SAEA, NAEC.
Hon: Am Men & Women of Science, Who's Who in the East.

HARDIE, Wallace C., Dept of Agr Econ, ND St Univ, Fargo ND 58102; PH 701-237-7415.
Res Asst, ND St Univ (03) 07.
b. 1952 Minnesota; U.
BS 1974, MS 1975 ND St Univ.
Fields: 014, 012, 022, 031.
Lang: Sp 2-2-2.

HARDIN, Charles M., Dept of Political Sci. The Univ of CA, Davis CA 95616; PH 916-752-0976.
Prof of Political Sci, Univ of CA, Davis (03) 08, 07.
b. 1908 USA; M-1.
AB 1930 Univ of WY; MA 1938 Univ of CO; PhD 1942 Harvard Univ.
Fields: 156, 017.
Prev Emp: Assoc Dir, Rockefeller Found., NY City 1961-64; Prof, Univ of Chicago, 1945-60.
Pub: Presidential Power and Accountability, Univ of Chicago 1974; Food and Fiber in the Nations Politics, U.S. GPO 1967; Freedom in Agricultural Education, Univ of Chicago 1955.
Lang: Fr 1-3-3, Sp 1-3-3.
Mbr: AHA, WAEA, WPSA, APSA.
Hon: Am Men & Women of Science, Who's Who in the West; Outstanding Article, AJAE 1946; Honor Book in Philosophy, Univ of WY 1930; Phi Beta Kappa.

HARDIN, Daniel C., Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-4351.
Res Assoc, TX A&M Univ (03) 14, 23.
b. 1952 Oklahoma; U.
BS 1973, MS 1975 OK St Univ.
Fields: 011, 083, 012.
Prev Emp: Res Asst, OK St Univ, Stillwater 1973-75; Computer Prgr, OK St Univ Ext, Stillwater 1969-73.
Mbr: SAEA.
Hon: Alpha Zeta.

HARDIN, Lowell S., 320 East 43rd Street, New York NY 10017; PH 212-573-4870.
Prog Off for Agr, Ford Foundation (70) 04, 18, 19.
b. 1917 Indiana; M-3.
BS 1939 Purdue Univ; PhD 1943 Cornell Univ.
Fields: 070, 017, 118.
Prev Emp: Prof-Dept Head, Purdue Univ, 1953-65; Asst Prof-Prof, Purdue Univ 1943-53.
Mbr: IAAE, AEA.
Hon: Who's Who in America, Am Men & Women of Science, Past Pres. AAEA.

HARDY, William E., Jr. Dept of Agr Econ & Rur Soc, Comer Hall, Auburn Univ, Auburn AL 36830; PH 205-826-4800.
Asst Prof, Auburn Univ (03) 08, 07.
b. 1946 Virginia; M-1.
BS 1968, MS 1970, PhD 1973 VPI & St Univ.
Fields: 084, 062, 032.
Prev Emp: Asst Prof, Auburn Univ, 1972-; 1st Lt, US Air Force, Newport News VA 1972; Grad Res Asst, VPI & St Univ 1968-72.
Pub: Health Educ Soans Outreach Clinics, Health Educ Mono, Sept 1975; Determining Locations for Rural Medicare Clinics SJAE, December 1973; An Econ Analysis of Regionalized Rural Solid Waste Syste, AJAE 1976.
Lang: Fr 2-3-3.
Mbr: SJAE, SE AIDS.

HAREN, Claude C., 481 GHI Bldg, Washington DC 20250; PH 202-447-8149.
Econ (GS-13) ERS-USDA (16) 07, 14, 19.
b. 1911 Ohio; M-1.
BS 1937 OH St Univ; 1936-39 George Wash. Univ; 1962-63 Am Univ; 1934-64 Grad School, USDA.
Fields: 070, 030, 080, 120.
Prev Emp: Agr Econ (GS-12) Claims & Survey, ERS-USDA, Washington DC 1966-68; Off O-4, U.S. Army APO 227, 1953-54. Personnel & Labor Rel Off O-3, U.S. Army, Ft LW, MO 1945-46.
Pub: Today's Metro Areas: A Critical Re-evaluation, Pro Soc Statis Sec ASA Washington 1975; Rural Industrial Growth in the Southeast Since 1962, Managing Rural Change, Tifton GA 1975; Location of Industrial Production & Distribution, Rural Industrialization; Problems & Potentials, IA St Univ Press 1974.
Lang: Ger 3-3-0.
Mbr: AAAS, ASA, AGS.

HARKER, J.M., 328 South Lilly, Apt 3, Mowcow ID 83843.

HARKIN, Duncan A., 340 Agr Hall, Univ of WI, Madison WI 53706; PH 608-262-3653.
Assoc Prof, Agr Econ, Univ of WI (03) 09, 07, 08.
b. 1928 Alabama; M-3.
BS 1950, MF 1954 St Univ of NY; PhD 1966 Univ of WI.
Fields: 020, 073.
Prev Emp: Res Assoc, Dept of Forestry, Univ of IL, Urbana 1959-63; Res. Forestry, Westvaco, Georgetown SC 1954-59.
Pub: Strengths & Weaknesses of the Philippine Land Reform, Seadag Papers & Solidarity (Manila) 1975; The Decision for Public or Private Ownership of Resources, Land Economics 1972; Fed. Land Laws & Policies in Alaska, Public Land Law Review Commission, Washington DC 1969.
Lang: Por 3-0-0.
Mbr: AEA, SAF.

HARKNESS, Hosea S., PO Box 16922, Memphis TN 38116; PH 901-396-3600.
Dir Crop Prod, Cook Industries Inc (51) 15, 07.
b. 1933 Kansas; M-2.
BS 1957, MS 1958 KS St Univ.
Fields: 014, 017, 018, 038.
Prev Emp: Asst-in-Charge, SRS-USDA, Little Rock AR 1967-68; Agr Stat, SRS-USDA, Washington DC 1965-67.
Mbr: ASA.

HARL, Neil E., 478 East Hall, Dept of Econ, IA St Univ, Ames IA 50011; PH 515-294-7580.
Professor, IA St Univ (03) 08,09,07.
b. 1933 Iowa; M-2.
BS 1955 IA St Univ; JD 1961 U of IA; PhD 1965 IA St Univ.
Fields: 020, 013, 022, 102.
Pub: Farm Estate & Bus Plng, Agr. Bus Pub Co 1976; An Analysis of the Econ. Impl. of the Permit System of Water Allocations, Iowa State 1972;"The Family Corporation" in Size, Structure and Future of Farms 1972.
Mbr: ABA, IABA.
Hon: Am Men & Women of Sci; Who's Who in the Midwest; AAEA Award for Excellence in Comm Res Results 1975.

HARLING, Ken, 144-16 Halsey Drive, West Lafayette IN 47906.

HARMAN, Wyatte L., Kiewit Plaza, Omaha NE 68144; PH 402-346-8004.
Agr Econ, ConAgra, Inc. (51) 07, 15.
b. 1939 New Mexico; M-2.
BS 1961 TX Tech Univ; MS 1966 TX A&M Univ; PhD 1974 OK St Univ.
Fields: 014, 016, 018, 017.
Prev Emp: Econ, USDA-ERS-CED, Wash. DC, OK St, TX A&M 9-1/2 years.
Pub: Relating Farm & Operator Characteristics to Multiple Goals, SAEA 1973; An Econ Anal of Alternative Water Supply Programs, MP822, TX Exp Sta 1966.
Mbr: SAEA.
Hon: Outstanding Diss, AAEA 1974.

HARMS, Alfred G., 305 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 61801; PH 217-333-0752.
Assoc Prof, Univ of IL (03) 08, 09.
b. 1920 Illinois; M-3.
BS 1949, MS 1950, PhD 1965 Univ of IL.
Fields: 012, 011, 013,118.
Prev Emp: Farm Oper, Self Emp., Cisco IL 1953-67, Asst, Univ of IL, 1949-53.
Mbr: ASFM&RA, ISPFMRA, Sec Tres 1974-75.
Hon: Am Men & Women of Sci.

HAROLDSEN, Ancel D., Dept of Agr Econ & Econ, MT St Univ, Bozeman MT59715; PH 406-994-3701.
Adjuct Asst Prof, MT St Univ (03) 07.
b. 1937 Idaho; M-6.
AS 1964 Rick College; BS 1965 Brigham Young Univ; MS 1968 Univ of ID; PhD 1974 OR St Univ.
Fields: 085, 021, 025, 011.
Prev Emp: Res Asst, Or St U. 1973; Instr & Res Assoc, U. of ID 1967-68.
Lang: Sp 2-2-2.

HARRAH, Joseph H., Route # 5, Cadiz OH 47907.
Grad Asst, PUrdue Univ (03) 24, 23, 07.
b. 1953 Ohio; M.
BS Murray St Univ 1976.
Fields: 017, 012, 014,112.
Hon: Alpha Chi Hon Soc.

HARRINGTON, Albert H., Dept of Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-1608.
Professor, WA St Univ (03) 08, 07, 09.
b. 1918 New York; M-7.
BS 1938, MS 1939 Cornell Univ; PhD 1962 Univ of IL.
Fields: 014, 016, 018, 017.
Prev Emp: Assoc Prof, Al Polytechnic Inst (now Auburn Univ), 1943-46.
Pub: Demand for Fresh Market Apples, Thesis Univ of IL 1962; Quality Preferences & Demand for Peaches, WA St Univ 1961.
Mbr: WAEA, AHS.
Hon: Outstanding Under grad Teaching Award; Alpha Zeta; Phi Kappa Phi.

HARRIS, Allan J., Area Ext Agt, CRD, U. of MN, Morris MN; Ph 612-589-2657.
Asst Prof, Univ of MN (17) 09, 22, 07.
b. 1940 Minnesota; M-2.
BS 1962 Univ of MN; MS 1968 ND St Univ; PhD 1973 KS St Univ.
Fields: 031, 015, 035, 019.
Prev Emp: Devl Spec, Ctr for Econ Devl, ND St Univ, 1973; Instr, Central St Univ, Edmon OK 1971-72; Grad Asst, KS St Univ 1967-71.
Pub: Economic Analysis of Rice Prices in the Republic of Vietnam 1957-65, ND St Univ 1968; Economic Incentives in Dryland Crop, Share Leases, Western Kansas 1951-70, KS St Univ 1973.
Lang: Ger 3-3-3, Vietnamese 3-3-3.
Mbr: MN Plng Assoc; CDS, Educ Comm 1973-74.

HARRIS, Duane G., Dept of Econ, IA St Univ 50010; PH 515-294-6742.
Asst Prof, IA St Univ (03) 08, 07.
b. 1944 Iowa; M-2.
BS 1966, MS 1968 IA St Univ; PhD 1971 Univ of PA.
Fields: 013, 094, 132.
Prev Emp: Econ, Federal Reserve Bank of Philadelphia PA 1971072; Res Assoc, Federal Reserve Bank of Philadelphia 1969-71.
Pub: Impact of Farm Size on the Bidding Potential for Agr Land, AJAE 1976; Some Evidence on Differential Lending Practices at Commercial Banks, Journal of Finance 1973; Credit Rationing at Commercial Banks: Some Empirical Evidence, Journal of Money, Credit & Banking 1974.
Mbr: AEA, AFA, WEA.

HARRIS, Harold M., Jr., Dept of Agr Econ & Rural Soc, Barre Hall, Clemson Univ, Clemson SC 29631; PH 803-656-3475.
Assoc Professor, Clemson Univ (03) 09.
b. 1939 Alabama; M-2.
BS 1961, MS 1965 Auburn Univ; PhD 1971 Purdue Univ.
Fields: 014, 018, 091.
Prev Emp: Asst Prof, VPI & St Univ, 1970-75; Res Asst, Purdue Univ, 1966-70; Instr, Auburn 1965-66.
Mbr: SAEA.
Hon: Am Men & Women of Sci; Phi Kappa Phi; Sigma Xi; Gamma Sigma Delta.

HARRIS, James M., 305 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 36801; PH 217-333-2616.
Res Asst, Univ of IL (03) 23.
b. 1947 Alabama; M-2.
BS 1969, MS 1975 Auburn Univ.
Fields: 019, 014, 083.
Prev Emp: Res Asst-Assoc, Auburn Univ, 1973-75.
Mbr: SAEA.

HARRIS, Lyle C., 468 East Hall, Dept of Economics, IA St Univ, Ames IA 50011; PH 515-294-6780.
Ext Asst, IA St Univ (03) 23, 07, 09.
b. 1946 Iowa; M-1.
BS 1968 IA St Univ.
Fields: 014, 013.
Prev Emp: Cpt, USAF, McChord AFB, WA, 1970-73.
Mbr: Reserve Off. Assoc.
Hon: Alpha Zeta; Air Medal for Meritorious Service in Vietnam.

HARRIS, Marshall D., Salem Square Apt F-1, 521 Zorn Avenue, Louisville KY 40206.
Agr Econ, USDA-ERS.
Retired (16) 07, 26.
b. 1903 Kentucky; M-2.
BS 1926 Univ of KY; MS 1932, PhD 1942 Univ of IL.
Fields: 022, 068, 020.
Prev Emp: Agr Econ, USDA-ERS-NRED, Iowa City, IA 1934-74; Grad Asst, Univ of IL, Urbana, 1930-34; Field Agent, Univ of KY, Lexington, 1930.
Pub: Origin of the Land of Tenure System in the U.S., IA St College Press 1953; Family Farm Policy, Univ of Chicago Press 1947; Entrepreneurship in Agriculture, Univ of IA 1973.
Mbr: IAAE.
Hon: Superior Service Award-USDA; Sigma Xi; Alpha Zeta.

HARRIS, Thomas D., Dept of Econ, Lakehead Univ, Thunder Bay "P" Ontario, Canada P7B3RS; PH 807-345-2121.
Asst Prof, Lakehead Univ (03) 08, 07.
b. 1934, Australia; Citz: Australia; U. BA 1956, BC 1958 Univ of Melbourne; MAE 1961 Univ of New England; AM 1961; 1961-64 Univ of Chicago.
Fields: 017, 100, 120, 070.
Prev Emp: Asst Prof, Univ of Manitoba, 1964-70; Res Asst, Univ of New England, Australia; Res Asst, Australia Natl Univ.
Lang: Fr 1-3-3.
Mbr: CAES, IAAE, AEA, ES of Australia & New Zealand.
Hon: Intl House Chicago Fellow 1960-61.

HARRISON, Gerald A., 630 Krannert, Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47906; PH 317-493-2380.
Assoc Prof, Purdue Univ (03) 09, 07.
b. 1941 Illinois; M-3.
BS 1965, MS 1966 Univ of IL; PhD 1971 IA St Univ.
Fields: 013, 012, 011.
Prev Emp: Asst Prof, Purdue Univ, W. Lafayette 1971-75; Res Asst-Assoc, IA St Univ 1966-71; Res Asst, Univ of IL, Urbana 1966.
Pub: Returns to Information, AJAE 1975; Alt Stat Models for Estimation...Feed Grain Program (1961-70) IA St Univ 1971; Future Planning for the Elderly Widowed Estate Holder, Univ of IL 1966.
Mbr: AEA; Student ABA; ASFM&RA.

HARRISON, S. R., Dept of External Studies, Univ of Queensland, St Lucia, Queensland 4067 Australia.

HARSH, Stephen B., Room 26, Agr Hall, MI St Univ, E Lansing MI 48824; PH 517-353-4518.
Assoc Prof, MI St Univ (03) 09, 08, 07.
b. 1942 Nebraska; M-2.
BS 1963 Univ of NE; MS 1966, PhD 1969 Cornell Univ.
Fields: 012, 011, 080, 014.
Prev Emp: Asst-Assoc Prof, MI St Univ, E Lansing MI 1968- --; Grad Asst, Cornell Univ, Ithaca NY 1963-68.
Pub: Computerized Farm Cost Accounting, Cornell Univ 1969; Role of Computers in Ext Education, MI St Univ 1972.
Lang: Ita 2-3-2, Fr 3-3-3.
Mbr: MI FM&RA.
Hon: Vstg Prof, Univ of Naples 1973; AAEA Award; USDA Sup. Serv. Award

HARSHBARGER, C. Edward, 925 Grand, Kansas City MO 64198; PH 816-881-2689.
Res Off & Econ, Fed Res Bank of KS City (33) 07, 15.
b. 1940 Illinois; M-3.
BS 1962, MS 1963 Univ of IL; PhD 1969 Purdue Univ.
Fields: 013, 018, 012.
Prev Emp: Asst Prof, Univ of MO, Columbia 1966-70.

Pub: Economic Concentration in Agriculture, Monthly Review of K.C. Fed, 1974; Food Prices and Farm Prices, Nonthly Review of K.C. Fed 1973; Role of Financial Management in Agriculture, Monthly Review of K.C. Fed 1972.
Mbr: SAEA.

HARSTON, Clive R., Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-2116.
Professor, TX A&M Univ (03) 08, 02, 07.
b. 1918 Wyoming; M-5.
BS 1946, MS 1947 WY Univ; PhD 1951 WA St Univ.
Fields: 014, 017, 073.
Prev Emp: Prof, MT St Univ, Bozeman 1951-67; Chf of Party, TX A&M Univ, Buenos Aires 1967-70.
Pub: World Wide Meat Demand and Supply, TX A&M Univ 1975; Rice Production and Export Potentials, TX A&M Univ 1971; Agric Devl Related to Econ Growth, Instituto Nacl de Tecnologia, Buenos Aires, Argentina 1969.
Lang: Sp 1-1-1, Por 3-0-0.
Mbr: WAEA, SAEA.

HARTER, Walter G., Ext Service, Univ of GA, Athens GA 30602; PH 404-542-3825.
Asst Director, Univ of GA (03) 02, 09.
b. 1923 Ohio; M-2.
BS 1948, PhD 1967 OH St Univ.
Fields: 012, 013.
Prev Emp: Head, Farm Mgmt, Univ of GA, Athens 1968-75; Farm Mgmt Spec, OH St Univ, 1963-68; Co Agt, OH Ext, Ashland 1955-63.
Mbr: SAEA, AMA.
Hon: Am Men & Women of Science.

HARTMAN, David G., 29 Hartwell Avenue, Lexington MA 02173; PH 617-861-0165.
Econ (part time) Data Resources Inc (51) 23, 07, 15.
b. 1951 Illinois; M.
BA 1973, MA 1973 Northwestern Univ; 1973- Harvard Univ.
Fields: 137, 117, 081, 016.
Prev Emp: Econ, Commodity Exchange Authority-USDA, Chicago 1971-73.
Pub: The Egg Cycle, AJAE 1974.
Lang: Ger 2-2-2, Fr 2-2-2.
Mbr: AEA; Econometric Soc.
Hon: Phi Beta Kappa.

HARTMANN, Peter A., 404 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 61801; PH 217-333-2616.
Student (03) 23.
b. 1946 Tanzania; Citz: Tanzania; U. Diploma 1968 Egerton College, Kenya; BS 1974 TX Tech Univ; MS 1976 Univ of IL.
Fields: 073, 076, 077, 014.
Prev Emp: Mgr, Mikumi Wildlife Camp, Tanzania 1972; Mgr, Res & Training Inst, Mpwapwa, Tanzania 1968.
Pub: Livestock Marketing in Tanzania, Thesis Univ of IL 1976.
Lang: Swahili; Other: Eng 1-2-1.

HARTWIG, Richard T., 125 E. Prospect, Marquette MI 49855; PH 906-226-3508.
Professor, MI St Univ (03) 09, 20, 10.
b. 1916 USA; M-3.
BS 1941 MI St Univ; MA 1957 Univ of Chiago.
Fields: 012, 014, 053.
Prev Emp: Res Anal, Quartermaster Food & Container Inst, Chicago IL 1946-48; Purchasing Agt, Evans Prod Co., Detroit MI 1941-43.
Pub: Michigan State University Farm Management & Agricultural Economics Publications, MI St Univ.
Mbr: AEA: ASFM&RA: MI SFM&RA.

HARVEY, David R., Res Div, Econ Br, Agr Canada, Ottawa, Ontario, Canada K1A0C5; PH 613-994-9507.
Econ, Agr Canada (26) 07, 18, 19.
b. 1947 England; Citz: UK; M-1.
BS 1969 Newcastle-upon-Tyne; MA 1970, PhD 1975 Manchester, England.
Fields: 017, 016, 081, 069.
Prev Emp: Res Asst, Manchester Univ 1972-73.
Lang: Fr 2-3-3.
Mbr: AES-UK; CAES.

HASBARGEN, Paul R., 249 Classroom Off Bldg, St Paul Campus, Univ of MN, St Paul MN 55108; PH 612-373-1145.
Professor, Univ of MN (03) 09, 07, 08.
b. 1929 MN; M-2.
BS 1952, MS 1956 Univ of MN; PhD 1968 MI St Univ.
Fields: 012, 018.
Prev Emp: Asst Co Agt, Clay Co., Moorhead, 1956-57; Voc Agr Instr, Graceville Schools MN 1952.
Pub: Competitive Position of Cattle Feeding in the N. Cornbelt, MI St Univ 1968; Farming in Northern Minnesota--Opportunities & Requirements, Univ of MN 1974.
Mbr: IAAE; MN SFM&RA.

HASKELL, James E., Room 550, 500 12th St. SW, Washington DC 20250; PH 202-447-8891.
Sr Agr Econ, FCS-USDA (19) 07, 22.
b. 1942 Nebraska; M-2.
BS 1964, MS 1965 Univ of NE; PhD 1970 KS St Univ.
Fields: 014, 015, 016, 017.

HASLETT, Earl, Econ Branch, Ontario Mins of Agr & Food, Parliament Bldgs, Toronto, Ontario, Canada.

HASSAN, Zuhair A., Econ Branch, Agr Canada, Ottawa, Ontario, Canada; PH 613-994-9507.
Econ, Agr Canada (26) 07.
b. 1937 Palestine; M-3.
BS 1964 W Pakistan Agr Univ; MS 1966 Univ of MN; PhD 1971 Univ of MO.
Fields: 050, 081.
Prev Emp: Post Doctoral Fellow, Univ of MO, Columbia, 1971-72.
Pub: The Demand for Food in the U.S., Applied Economics 1973; Further Evidence on the....., Southern Econ Journal 1974; Household Expenditure Patterns in Canada, CJAE 1974.
Lang: Arabic; Other: Eng 1-1-1.
Mbr: CAES.

HASSLER, James B., 328 Filley Hall, Univ of Nebraska, Lincoln NE 68503.
Professor, Univ of NE (03) 07, 08.
b. 1920 Nebraska; M-2.
1939-42 Kearney NE St Tchrs College; BS 1948, PhD 1952 Univ of CA, Berkeley.
Fields: 081, 084, 014, 016.
Prev Emp: Asst Prof, Univ of CA, Berkeley 1953-57.
Lang: Fr 2-0-0.
Mbr: ASA.
Hon: Sigma Chi, Econometric, Am Men & Women of Science.

HASTINGS, Steven E., 313 Weaver Bldg, Dept of Agr Econ, Penn St Univ, University Park PA 16802.

HATHAWAY, Dale E., Res Inst, 1776 Massachusetts Avenue NW, Washington DC 20036; PH 202-833-1821.
Dir, Intl Food Policy (72) 04, 07, 18.
b. 1925 Michigan; M-4.
1942-43 MI St College; 1944-45 Alma College; BA 1947, MA 1948 MI St College; DPA 1952 Harvard Univ.
Fields: 017, 073, 112.
Prev Emp: Prog Adv, Ford Foundation, NY, 1972-75; Dir, Center for Rural Manpower & Public Affairs, MI St Univ, '70-72; Prof & Dept Chrm, MI St Univ 1969.
Pub: Government and Agriculture, Macmillan Company, New York, 1963; Occupational Mobility From the Farm Labor Force, Columbia Univ Press, NY 1967; Food Prices and Inflation, Brookings Papers on Econ Activity, Washington DC 1974.
Mbr: IAAE, AAAS.
Hon: Who's Who in America; Am Men & Women of Science.

HATHORN, Scott Jr., Dept of Agr Econ, Univ of AZ, Tucson AZ 85721; PH 602-884-1753.
Ext Econ, Univ of AZ (03) 20, 15, 14.
b. 1920 Louisiana; M-3.
BS 1941 LA St Univ; MS 1943, PhD 1948 Univ of IL.
Fields: 014, 012, 094, 083.
Prev Emp: Agr Econ, J.G. Boswell Co, Los Angeles, 1951-69; Agr Econ, Univ of AZ, Tucson, 1948-51.
Pub: Arizona Field Crop Budgets 1975, Univ of AZ 1975; Arizona Pump Water Budgets 1975, Univ of AZ 1975; Economic Value of Water, Univ of AZ 1975.
Lang: Sp 3-3-3.

HAUGHT, Adrian L., Room 4204, So Agr Bldg, 12th & Independence Ave, Washington DC 20250; PH 202-447-7401.
Econ, Forest Service, USDA (23) 19.
b. 1939 West Virginia; M-3.
BS 1961, MS 1963 WV Univ; 1969-70 Univ of CA.
Fields: 021, 026, 035, 017.
Prev Emp: Agr Econ, ERS-USDA, Upper Darby PA 1966-70.
Mbr: SCSA, Soc of Govt Econ.

HAUSER, Wade R III, Dept of Soil Conservation, Grimes Bldg, East 14th & Grand, Des Moines IA 50010; PH 515-281-5851.
Water Resource Planner, Dept of Soil Consv (40) 18, 15.
b. 1950 Iowa; U.
BS 1973, MS 1976 IA St Univ.
Fields: 026, 017.
Prev Emp: Res Asst, IA St Univ, 1973-76.

HAVLICEK, Joseph Jr., VPI & St Univ, Dept of Agr Econ, Blacksburg VA 24061; PH 703-951-6107.
Professor, VPI & St Univ (03) 07, 08.
b. 1934 Ohio; M-4.
BS 1955, MS 1956 OH St Univ; PhD 1960 NC St Univ.
Fields: 020, 081, 016, 062.
Prev Emp: Asst-Assoc Prof, Purdue Univ, W. Lafayette IN 1961-74.
Pub: Selected Matrix Topics for Economists, VPI & St Univ 1974; An Analysis of Seasonal Household Waste Generation, SJAE 1974; Household Solid Waste Associated With Food Consumption Activities, SJAE 1975.
Lang: Czech 3-3-1.
Mbr: AEA, ASA, Econometric.
Hon: Am Men & Women of Science, Dir of Env Scientists in Agr, Sigma Xi, Gamma Sigma Delta.

HAWKINS, Murray H., Dept of Rural Econ, Univ of Alberta, Edmonton, Alberta, Canada; PH 403-432-4562.
Professor, Univ of Alberta (03) 08, 09, 07.
b. 1930 Canada; Citz: Canada; M-2.
BSA 1953 Guelph; MS 1964 Alberta; PhD 1967 OH St Univ.
Fields: 014, 015, 100, 017.
Prev Emp: Livestock Buyer, Canada Packers Edmonton & Toronto 1953-63.

Pub: North American Hog Pork Study, Agr Canada 1972; Implications of Improved Information, Jour Consumer Affairs 1972; Futures Trading in Live Cattle, Univ of Alberta, Canada 1974.
Lang: Fr 2-0-0.
Mbr: AIC-AIA; IAAE, Pres Canada Chpt 1973-77, CAES, Ed Councilor.

HAY, Jin, Shearson Hayden Stone, Inc. Commodity Res Dept, One W. U.I Plaza New York NY 10004.

HAY, Michael J., EPA Res & Devl., Wash. DC 20460; PH 202-426-0417.
Econ, U.S. Env Protection Agency (31) 07, 18.
b. 1942 Minnesota; M-2.
BA 1967, PhD 1974 Univ of MN.
Fields: 026, 021, 081, 047.
Prev Emp: Res Asst, Univ of MN, St Paul, 1968-74.
Pub: Economic Analysis of Rural-Urban Migration in Tunisia, PhD Dissertation 1974.
Lang: Fr 2-2-2.
Mbr: AEA.
Hon: Gamma Sigma Delta.

HAYAMI, Yujiro, Intl Rice Res Inst, PO Box 933, Manila, Philippines.
Agr Econ, Intl Rice Res Inst (67) 07, 08.
b. 1932 Japan; Citz: Japan; M-3.
BA 1956 Univ of Tokyo; PhD 1960 IA St Univ.
Fields: 071, 073.
Prev Emp: Asst Prof & Prof, Tokyo Metro Univ, Tokyo 1966 - --; Res Off, Ntl Res Inst of Agr, Tokyo, 1956-66.
Pub: Agricultural Development: An International Perspective, Johns Hopkins Univ 1971; A Century of Agricultural Growth in Japan, Univ of Tokyo 1975.
Lang: Japanese.

HAYENGA, Wayne A., Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-1861.
Proj Ldr in Farm Mgmt & Econ Mgmt, TX A&M Univ (03) 09, 20, 02.
b. 1942 Illinois; M-1.
BS 1964, MS 1969 Univ of IL; MBA 1971, PhD 1973 MI St Univ.
Fields: 012, 013, 094.
Prev Emp: Res Asst, MI St Univ, 1969-72; First St Bank, Freeport IL 1965-66; Res Asst, Univ of IL, Urbana, 1964-65.
Pub: Correspondent Banking, Univ of IL 1969; Bank Mergers, MI St Univ 1973; Shrimp Boat Economics, Marine Fish Rev 1975.
Mbr: AFA.
Hon: Phi Eta Sigma, Alpha Zeta.

HAYES, Sue Eileen, Dept of Econ, 1801 E. Cotati Avenue, Rohnert Park CA 94928; PH 707-664-2366.
Asst Prof, CA St College, Sonoma, (03) 08, 09, 07.
b. 1943 California; M.
AB 1965 Stanford Univ; MS 1973, PhD 1975 Univ of CA, Berkeley.
Fields: 121, 031, 122, 135.
Pub: Labor Management in California Agriculture, UC Coop Extension 1976.
Lang: Ita 1-2-2, Fr 1-2-3, Sp 1-2-1.
Mbr: AEA.

HAYMAN, Rolland L., Nova Scotia Dept of Agr, Truro, NS Canada B2N5E3; PH 902-895-1571.
Supr, Farm Mgmt, Nova Scotia Dept of Agr (40) 20, 09.
b. 1944 Nova Scotia; Citz: Canada; M-1.
BS 1966 McGill Univ; MS 1975 Univ of Guelph.
Fields: 012.
Mbr: CAES, AIC, NSIA.

HAYNES, Lawrence W., Greenville College Greenville IL 62246; PH 618-664-0082.
Vstg Prof, Bus & Econ Dept, Greenville College (03) 08, 07.
b. 1914 USA; M-3.
BSA 1936 Purdue Univ; PhD 1957 WI-Madison.
Prev Emp: Vstg Prof, E. Mennonite College, Harrisonburg VA 1973-75; Prof, Bridgewater College, VA 1970-73; Agr Stat, SRS-USDA, Washington DC 1938-70.
Mbr: AEA.

HAZELL, Peter B., 1818 H Street NW, Washington DC 20433; PH 202-477-5610.
Econ, World Bank (66) 07, 22.
b. 1944 England; Citz: UK; M.
CDA-NDA 1964, Diploma Farm Mgmt 1965 Seale-Hayne Agr College, England; MS 1968, PhD 1970 Cornell Univ.
Fields: 073, 016, 017.
Prev Emp: Sr Res Assoc, Univ of Newcastle-upon-Tyne, England 1970-71.
Pub: Linear Alternative to Quadratic Programming Under Risk, AJAE 1971; Competitive Demand Structures Under Risk, AJAE 1974; Market Intervention Policies Under Risk, AJAE 1975.
Mbr: AEA, AEA-UK, IAEA.

HEADLEY, Joseph C., 200 Mumford Hall, Dept of Agr Econ, Univ of MO, Columbia MO 65201; PH 314-882-7349.
Professor, Univ of Missouri (03) 08, 07.
b. 1930 Illinois; M-2.
BS 1952, MS 1955 Univ of IL; PhD 1960 Purdue Univ.
Fields: 026, 011.
Prev Emp: Assoc Prof, Univ of IL 1960-66; Assoc Spec, Univ of CA-Davis 1959-60; Asst Agr Econ, Univ of AZ 1955-57.

Pub: The Pesticide Problem: An Economic Approach to Public Policy, Resources for the Future, Inc 1967; Estimating the Productivity of Agricultural Pesticides, AJAE 1968; Policies for Externalities Extending to Resources & Environment, IA St U. Press 1975.
Mbr: AAAS.
Hon: Sigma Xi; Am Men & Women of Sci; Who's Who in the Midwest.

HEADY, Earl O., IA St Univ, Ames IA 50011; PH 515-294-3133.
Dist Prof & Dir, IA St U. (03) 07,08,02.
b. 1916 Nebraska; M-3.
BS 1939, MS 1940 U. of NE; PhD 1945 IA St U; DSC (Hon) 1965 U. of Upsalla; DSC (Hon) 1960 U.of NE; DSC (Hon) 1965 Hungarian Acad of Science.
Fields: 011, 017, 077, 026.
Prev Emp: Vstg Prof, Harvard U. 1955-56; Vstg Prof, NC St U., Raleigh 1952.
Pub: Econs of Agrl Prod., Prentice Hall 1952; World Food Prod., Demand & Trade, Ames IA 1974; Spatial Sector Programming Models, Ames IA 1975.
Lang: Fr 1-0-0.
Mbr: ES; Fellow AEA; AAAS Fellow; IAEA.
Hon: Who's Who in Am; World Who's Who; Who's Who in Sci; Am Men & Women of Sci; Gamma Sigma Delta.

HEAGLER, Arthur M., Dept of Agr Econ & Agr Bus, LA St Univ, Baton Rouge LA 70803; PH 504-388-5314.
Agr Econ, ERS-CED-USDA, (16) 07.
b. 1930 Arkansas; M-2.
BS 1955, MS 1956 U. of AR; PhD 1975 LA SU.
Fields: 011, 016, 073.
Prev Emp: Asst Farm Mgr, Truman AR 1956.
Pub: Economics of Farm Size in the MS River Delta Area, LA St U. 1975; Prod Capacity & Supply Response in Vietnam's Agriculture, USAID 1974.
Lang: Ger 3-0-0.
Mbr: SAEA; LA SFM&RA.
Hon: USDA Certificate of Merit.

HEASTY, Daryl M., Dept of Econ, Waters Hall, KS St Univ, Manhattan KS 66506; PH 913-532-6714.
Grad Res Asst, KS St Univ (03) 23, 07.
b. 1953 Kansas; U.
BS 1975, MS 1976 KS St Univ.
Fields: 090, 014, 012.
Prev Emp: Res Asst, Eli Lilly & Company, Greenfield IN 1974; Stud Asst, Agronomy Dept, KS St Univ 1973-74; Farm Hand, F.E. Heasty Farm, KS, 1963 to date.
Mbr: SAEA
Hon: Who's Who in Am Colleges & Univ. 1974-75; Alpha Zeta; Dean's Honor Roll; Exec. Council of Student Government Association.

HEATON, Christine R., Dept of Agr Econ. Univ of CA,Davis CA 95616; PH 916-752-1533.
Grad Student, Univ of CA (03) 23, 07.
b. 1951 California; M.
BS 1973 Univ of Santa Clara.
Fields: 011, 014, 112,075.
Prev Emp: Res Asst, Univ of CA, Davis 1975 to date.
Lang: Sp 2-2-2, Fr 2-1-1.
Hon: Regents Fellowship Recipient.

HEDGES, Trimble R., Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-1520.
Professor, Univ of CA, Davis (03) 26, 07.
b. 1906 Oklahoma; M-2.
BS 1928 OK St Univ; MS 1933, PhD 1938 Univ of IL.
Fields: 071, 011, 017.
Prev Emp: Prof, Agr Econ, U. of CA, Davis, 1947-74; Chrmn, Dept of Agr Econ, U. of AR 1939-47; For. Serv Off, USAID, Paris, France 1952-53.
Pub: Farm Mgmt Decisions, Prentice Hall 1963; Farm Management Manual, Palo Alto CA 1953; Irrigation Series San Joaquin Valley, Univ of CA 1960-70.
Lang: Fr 1,3-3, Ger 2-3-3.
Mbr: AAUP.
Hon: Phi Kappa Phi, Alpha Zeta, Fulbright Fellowship 1963-64.

HEDLEY, Harold A., Grains & Spec Crops Div, Prod & Mktg Br, Rm 6101 Sir John Carling Bldg, Ottawa, Ontario, Canada K1A 0C5; PH 613-994-9514.
Prod Planning Off, Canada Dept of Agr (26) 18, 15, 19.
b. 1950 Canada; Citz: Canada; M.
BS 1972, MS 1974 Univ of Guelph.
Fields: 016, 017, 014, 011.
Pub: An Analysis of Spatial Organization of Ontario Feed Manufacturing Industry, Univ of Guelph, Canada 1974.
Mbr: Ontario Inst of Agr.

HEDLUND, Floyd F., Fruit & Veg Div, AMS-USDA, Washington DC 20250; PH 202-447-4722.
Dir, Fruit & Veg Div, USDA (21) 06.
b. 1911 Nebraska; M.
BS 1933 Univ of NE; PhD 1937 Cornell Univ.
Fields: 014, 017, 112, 018.
Prev Emp: Dep Dir, USDA, Washington DC 1946-61; Br Chf, USDA, Wash. DC 1942-46; Head of Unit, USDA, Washington DC 1941-42.
Pub: ABC's of FEderal Marketing Orders & Agreements for Fruits & Vegetables, Wash., DC 1962; Plain Talk About PACA, Washington DC 1974; A Grading System for Everyone, Washington DC 1974.

Lang: Fr 2-0-2.
Mbr: IAAE, NAMO.
Hon: Who's Who in America; Who's Who in Govt; USDA Dist Serv Award 1974.

HEDLUND, Glenn W., 406 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-7732.
Prof. Emeritus, Cornell Univ (03) 22.
b. 1909 Nebraska; M-3.
BS 1930 Univ of NE; PhD 1936 Cornell Univ.
Fields: 013, 014, 073.
Prev Emp: Prof & Head, Cornell Univ, 1946-74; Prof & Head, PA St Univ 1941-46; Instr & Asst Prof, Cornell Univ, 1933-41.
Lang: Ger 3-0-0, Fr 3-0-0.
Mbr: IAAE.
Hon: Who's Who in America; Am Men & Women of Science; Scholarship, G.W. Hedlund, Cornell; Alpha Zeta, Gamma Sigma Delta, Phi Kappa Phi; Sigma Xi.

HEER, John F., 205 Morrill Hall, Dept of Economics, IA St Univ, Ames IA 50011; PH 515-294-5616.
Assoc Prof & Exp Sta Ed, IA St Univ (03) 27, 02, 07.
b. 1923 Iowa; M-5.
BS 1949, MS 1953 IA St Univ.
Fields: 159.
Prev Emp: Cons. USAID, IA St Univ Uruguay 1966; Admin Off US Combined Civil Affairs Liquidating Agency Paris, France 1946; Ext Econ, IA St Univ 1949-54.
Lang: Fr 2-3-3, Sp 2-3-3.
Mbr: AAAS, ASIS, CAST.
Hon: Phi Kappa Phi, Gamma Sigma Delta, Sigma Delta Chi.

HEIBY, Ernest P., Cameron Station, Duke Street, Alexandria VA 22314; PH 202-274-7792.
Employee Relations Spec, Defense Supply Agency (26) 06.
b. 1911 Ohio; M-2.
BS 1934, MS 1938 OH St Univ; 1938-39 Univ of Chicago.

HEID, Walter G. Jr., CED-ERS-USDA,USGMRC, 1515 College Avenue, Manhattan KS 66502; PH 913-539-9141.
Agr Econ, USDA (16) 07.
b. 1932 Missouri; M-3.
BS 1959, MS 1960 Univ of MO; PhD 1965 Univ of MD.
Fields: 014, 017, 011.
Prev Emp: Farmer, MO 1956-57; S/Sgt, USAF 1952-56.
Pub: Changing Grain Market Channels- ERS-USDA 1961; Changing Structure and Performance of the Northeast Grain Marketing Industry, Univ of MD 1965; The Economics of Large Wheat Farms in the Great Plains, ERS-USDA 1974.
Mbr: WAEA.

HEIDHUES, Theodor H., Inst f. Agr Rockonomie der Univ Goettingen, Nikolausberger Weg 9c, Goettingen, Germany; 3400; PH 0551-39-4822.
Prof.,Univ of Goettingen (03) 02, 08, 07.
b. 1933 Germany; Citz: Germany; M-3.
Dipl-Landwirt 1958 Univ of Goettingen; PhD 1961 Cornell Univ.
Fields: 016, 112, 114, 017.
Prev Emp: Vstg Asst Prof, Univ of WI, Madison, 1965-66.
Pub: Das Welternahrungsproblem-Produktion und Verteilung, Hamburg/Berlin 1973; Inflation and Agriculture in the EEC, European Rev of Agr Econ 1973; Price and Market Policy for Agriculture, Food Policy 1975.
Lang: German; Other: Eng 1-1-1, Fr 2-3-3.
Mbr: Wissensch. Chrm 1972 to date; Gesellsch fur Wirtsch und Sozialwissensch des Landbaues, Verein fur Socialpol.
Hon: Intl Who's Who.

HEIEN, Dale M., 10201 Grosvenor Place, Rockville MD 20852; PH 301-493-4537.
Self employed (75) 07, 08, 27.
b. 1936 Illinois; D.
BA 1960, MA 1962 Univ of IL; PhD 1968 George Washington Univ.
Fields: 016, 081, 051, 052.
Prev Emp: Div Chf, BLS-USDL, Washington DC 1967-69; Res Sci, LRP-GWU, Washington DC 1962-67.
Pub: Econometric Model of U.S. Pork Economy Rev Econ & Stat, 1975; S-Branch Utility Tree, Econometrica 1972; Demographic Effects & The Multiperiod Consump. Function, JPE 1972.
Lang: Sp 2-2-2, Ger 3-3-3.
Mbr: AEA, ASA, Econometric.

HEIFNER, Richard G., USDA-ERS, 500 SW 12th Street, Washington DC 20250; PH 202-447-8168.
Econ, USDA (16) 07.
b. 1934 Iowa; M-3.
BS 1956, PhD 1963 IA St Univ.
Fields: 014, 081, 017.
Prev Emp: Asst-Assoc Prof, MI St Univ 1963-69; Res Assoc, IA St Univ 1962-63.
Pub: Futures Trading Data Systems, Commodity Exchange Authority, USDA 1974; Farmers' Use of Forward Contracts and Futures Markets, USDA Bull, 1976; The Distribution of Short Run Commodity Price Movements, USDA Tech Bull 1976.
Mbr: AEA, ASA.
Hon: USDA Superior Serv Award 1975.

HEIN, Clair E., 335 Fletcher Ave, Waterloo IA 50701; PH 319-232-6654.
Ext Res Devl Spec, IA St Univ (03) 09.
b. 1931 Iowa; M-4.
BS 1954 IA St Univ; MA 1969 Univ of IA.
Fields: 031, 035, 038, 032.
Prev Emp: Co Ext Dir, IA St Univ, IA City & Montezuma, 1960-72; Co Ext Assoc, IA St Univ, Mason City & Newton, 1954-60.
Mbr: CDS, IA St Univ Ext Assoc, V. Pres 1975.
Hon: Epsilon Sigma Phi, Who's Who in Midwest; Dist. Serv Award of Natl Assoc of Co Agr Agts, Certificate of Recognition-ESP.

HEIN, Norlin A., 223 Mumford Hall, Univ of MO, Columbia MO 65201; PH 314-882-8234.
Ext Econ, Univ of MO (03) 09, 07, 20.
b. 1935 Minnesota; M-3.
BS 1958 Univ of MN; MS 1969 ND St Univ; PhD 1973 Univ of MN.
Fields: 012, 013, 011, 014.
Prev Emp: Asst Ext Econ, Univ of MN, St Paul 1972-74; Res Asst, Univ of MN, St Paul 1969-72; Assoc Co Agt, Univ of MN, Redwood Falls MN 1961-67.

Pub: North Dakota Production Credit Association Operation Practices, Policies and Membership Characteristics 1961-67, MS Thesis, ND St Univ 1969.

HEISTERBERG, David L., Box 522, Hopkinsville KY 42240; PH 502-886-6328.
Area Ext Spec, Univ of KY (03) 20, 10.
b. 1952 Missouri; U.
BS 1974, MS 1975 Univ of MO.
Fields: 012, 013, 014, 095.

HEITZ, Glenn E., 1415 Olive Street, St Louis MO 63103; PH 314-342-3350.
President, Federal Land Bank of St Louis, (52) 17.
b. 1924 Indiana; M-3.
BS 1948, MS 1950 Purdue Univ.
Fields: 013, 012.
Prev Emp: Dep Gov, Farm Credit Adm, Washington DC 1959-69; Sec-Treas., Lafayette Prod Credit Assn, IN, 1950-58.
Pub: An Economic Analysis of Budgeted Farm Production Loans in Indiana, Purdue Univ 1950.
Hon: Who's Who in America.

HELD, Larry J., 231 H C Filley Hall, E Campus, Univ of NE, Lincoln NE 68583; PH 402-472-3401.
Grad Res Asst, Univ of NE (03) 07.
b. 1949 North Dakota; M.
BS 1971, MS 1973 ND St Univ; PhD 1976 Univ of NE.
Fields: 010, 080.
Prev Emp: Grad Res Asst, ND St Univ, Fargo, 1971-73.
Pub: Small Grain Production Practices, Agr Econ Stat 12-19, ND St Univ 1973; Yields & Production Costs for Small Grains, Ext No. 1-8, ND St Univ 1973; Effect of Inflating Land Values on Ranch Growth, Abstract of Paper Presented at AAEA Meetings, Aug 1975.
Mbr: WAEA.
Hon: Gamma Sigma Delta, Omicron Delta Epsilon.

HELGESON, Delmer L., Dept of Agr Econ, ND St Univ, Fargo ND 58102; PH 701-237-7441.
Assoc Prof, ND St Univ (03) 07, 08.
b. 1929 North Dakota; M-1.
BS 1958, MS 1960 ND St Univ; PhD 1971 Univ of NE.
Fields: 014, 013, 031, 093.
Prev Emp: Assoc Prof, ND St Univ 1971- --; Agr Econ, USDA, Lincoln NE; Reg Bus Anal, St Paul Bank for Coops, St Paul MN 1960-67.
Pub: A Case Study of Rural Industrialization, ND St Univ 1974; Economies of Size, Vol & Divers. in Retail Grain & Farm Supply Business, Nebraska 1974; Problems & Tech of Intra-Firm Cost Ident and Analysis, MI St Univ 1973.
Hon: Gamma Sigma Delta, Omicron Delta Epsilon. Mbr: WAEA, Comm. Devl Soc.

HELLEGAS, William B., 3386 E 44th Street, Vernon CA 90058; PH 213-583-4111.
V Pres, Purchasing, Kal Kan Foods Inc (51) 12, 15.
b. 1935 New Jersey; M-3.
AAS 1956 LIAI Farmingdale NY; BS 1959, MS 1961 MI St Univ.
Fields: 016, 081.
Prev Emp: Pur Staff Mgr, Mars Inc, McLean VA 1969-70; Pur Dir, M&M Mars, Hackettstown NJ 1965-69; Pur Agt, Beachnut-Lifesavors, Canajoharie NY 1960-65.

HELLYER, George J., Route # 1, Box 1170, Woodland CA 95695; PH 916-666-4626.
Agr Econ, Self Employed (75) 18, 08, 20.
b. 1937 California; M-2.
BS 1960, MS 1973 Univ of CA, Davis.
Fields: 017, 112, 013, 012.
Prev Emp: Sr Assoc, Devl & Res Corp, Sacramento CA 1974-75; Ext Adv, St Ext Serv, ANCAR-PB, Paraiba, Brazil, 1971-72; Pres, Anstep Corp, Sun Valley ID 1965-70.
Pub: A Hungry World: The Challenge to Agriculture, Univ of CA July 1974; Energy and Western Agr Trade, WAEA Proceedings 1974; Economic Consequences of Temp Decline Canadian Prairie, U.S. DOT, Jan 1975.
Lang: Por 2-0-2.
Mbr: SID, WAEA.
Hon: AAEA Award 1974.

HELMBERGER, John D., 231 Claoff Bldg, Univ of MN, St Paul MN 55108; PH 612-373-0946.
Prof, Univ of MN (03) 08, 02, 07.
b. 1915 South Dakota; M-6.
AA 1939 Ely Jr College, MN; BS 1941 Duluth St Univ, MN; MA 1947, PhD 1960 Univ of MN.
Fields: 063, 131, 135.
Prev Emp: Instr-Assoc Prof, Univ of MN, College of St Thomas, St Paul MN 1954-64; Instr, Dept of Econ, Univ of MN, 1947-51.
Pub: Report of the Minnesota Interim Commission on Withholding Taxes, 1957; Quantity Discount Pricing of Fluid Milk 1956; Changing Distribution of Federal Income Taxes, 1975.
Lang: Fr 3-0-0.
Mbr: AEA; MN-EA, Pres. 1969.
Hon: Am Men & Women of Science; Washburn Mem Award, Duluth St College 1941; Woodrow Wilson Scholarship, Univ of MN 1959, Samuel Morse Award 1970.

HELMBERGER, Peter G., Dept of Agr Econ, Univ of WI, Madison WI 53706; PH 608-262-3653.
Professor, Univ of WI (03) 07, 08, 02.
b. 1933 Minnesota; M-4.
BS 1955, MS 1957 Univ of MN; PhD 1961 Univ of CA, Berkeley.
Fields: 017, 014, 101.
Pub: Cooperative Enterprise as a Structural Dimension of Farm Markets, JFE 1964; Market Structure and Performance, D.C. Heath & Company 1972; A Neoclassical Analysis of the U.S. Farm Sector, 1948-1970, Australia Jour of Agr Econ 1974.
Mbr: AEA.

HELMERS, Glenn A., 228 Filley Hall, Dept of Agr Econ, Univ of NE, Lincoln NE 68583; PH 402-472-3401.
Professor, Univ of NE (03) 07, 08.
b. 1938 Iowa; M-3.
BS 1960, PhD 1965 IA St Univ.
Fields: 011, 012, 013, 083.
Prev Emp: ERS-USDA 1962-67.

HELMING, William C., Livestock Bus Adv Serv Inc, 715 Hereford Drive, Kansas City MO 64105; PH 816-842-4114.
Pres & Owner, Livestock Bus Adv Serv Inc (51) 15, 07.
b. 1940 Illinois; M-2.
BS 1964, MS 1965 Univ of NV.
Fields: 018, 016, 075.
Prev Emp: Gen Mgr, Livestock Bus Adv Serv (Am Hereford Assn) KS City 1972-74; Gen Mgr, Cattle-Fax (Am Natl Cattlemen's Assn) Denver CO 1968-71.
Lang: Sp 2-0-2.
Mbr: AMA, ACA.
Hon: Delta Sigma Pi, Alpha Zeta, Who's Who in KS-1976.

HELMUTH, John W., 1120 Connecticut Ave, NW, Washington DC 20036; PH 202-254-3201.
Agr Econ, Commodity Futures Trading Comm (36) 07, 18, 06.
b. 1944 Missouri; M-1.
BA 1966 Univ of MO; MS 1969 Univ of CT; PhD 1970 Univ of MO.
Fields: 014, 016, 081.
Prev Emp: Agr Econ, ERS-USDA, Washington DC 1974-75; Commodity Spec, Hornblower-Weeks, Los Angeles CA 1973-74; Econ, USAF, Washington DC 1970-73.
Pub: Farmers' Use of Forward Contracts & Futures Markets, ERS-USDA 1976; Futures Trading Under Conditions of Uncertainty, PhD Dissertation, Univ of MO 1970; Trading Period Strat as a Method of Identifying Dist of Options for Storage Firms, MS Thesis Univ of CT 1969.
Lang: Ger 3-0-3.

HEMMI, Kenzo, 1-1 Yayoi, Bunkyo-ku, Tokyo 113 Japan; PH 03-812-2111.
Professor, Univ of Tokyo (03) 08, 07.
b. 1923 Japan; Citz: Japan; M-4.
PhD 1962 Univ of Tokyo.
Fields: 017, 112, 070, 020.
Pub: Agriculture in Contemprary Economy, Tokyo (printed in Japanese)1970; Primary Commodity Problems, Tokyo (printed in Japanese) 1967; Issues in Trade in Farm Products, Tokyo (printed in Japanese) 1963.
Lang: Japanese; Other: Eng 1-1-1, Ger 3-3-3.
Mbr: AEA, AES-Japan, V. Pres 1974-76; Japan Soc of Intl Econ.

HENDERSON, Dennis R., Dept of Agr Econ, 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-2641.
Assoc Prof, OH St Univ (03) 07, 09, 08.
b. 1939 Ohio; M-2.
BS 1965 OH St Univ; PhD 1971 MI St Univ.
Fields: 101, 014, 017, 018.
Prev Emp: Grad Res Asst, MI St Univ, 1968-71; Mkt Devl, Vistron Corp, Lima OH 1965-68.
Pub: Toward a Theory of Vertical Market Behavior, NC-117, Univ of WI 1975; Electronic Commodity Markets, OH St Univ 1975; Collective Market Action: Its Potential Impact on Farm Structure, OH St Univ 1972.
Hon: Gamma Sigma Delta.

HENDERSON, Harold A., Agr Devl Div, TVA, Muscle Shoals AL 35660; PH 205-383-4631.
Agr Econ, TVA (35) 18, 22, 07.
b. 1924 Tennessee; M-2.
BS 1947, MS 1951 Univ of TN; PhD 1963 Purdue Univ.
Fields: 030, 020, 050, 105.

Prev Emp: Adv in Mgmt, Univ of Agr Sci, Bangalore, India 1964-66; Agr Econ, USDA, Knoxville TN 1954-63; Asst Prof, Auburn Univ, 1952-54.
Pub: Adjustment of Rural Resource Use & Characteristics to Economic Growth, TN Agr Exp Sta 1963; Evaluating Development Programs, Jour of Extension 1966.
Lang: Fr 3-0-0.
Mbr: AL Academy of Sci, Trustee; TN Soc of Farm Mgrs, Dir 1963-64.
Hon: Am Men & Women of Sci; Who's Who in the South & Southwest; ISAE (life)

HENDERSON, Larry G., 320 S Vine, Sparta IL 62286.

HENDERSON, Phillip A., 224 Filley Hall, Dept of Agr Econ, E. Campus, Univ of NE, Lincoln NE 68583; PH 402-472-3401.
Professor, Univ of NE (03) 09.
b. 1914 Nebraska; M-4.
BS 1935 Univ of NE; PhD 1939 Cornell Univ.
Fields: 012.
Prev Emp: Farming, Self-Employed, NE 1943-50; Ext Spec, Purdue 1939-43.
Lang: Sp 3-0-0.
Mbr: ASFM&RA, V Pres; NE-SFM&RA Sec-Treas. 1951-66.
Hon: Am Men & Women of Science; Who's Who in the Midwest; NE Gamma Sigma Delta Award for Serv to Agr.

HENDON, Robert L., Box 2055, University Station, Murray KY 42071; PH 502-762-3327.
Professor, Murray St Univ (03) 08.
b. 1921 Kentucky; M-3.
BS 1947, MS 1950 Univ of KY.
Fields: 141, 012.
Prev Emp: Dir-Div of Mktg, KY Dept of Agr, Frankfort KY 1951-53.
Mbr: KY-AFM&RA; NACT of Agr.
Hon: Gamma Sigma Delta, Omicron Delta Kappa.

HENDRICKS, Robert H., Dept of Agr Econ, 705 Hitt Street, Univ of MO, Columbia MO 65201; PH 314-882-2734.
Grad Asst, Univ of MO (03) 23.
b. 1934 North Dakota; M-6.
BS 1956 Univ of MT; MS 1971 Univ of MO; 1973-76 Univ of MO (PhD).
Fields: 022, 017, 014, 030.
Prev Emp: Teacher, Missoula Co High School, Missoula MT 1965-71; Teacher, Flathead Co High School, Kalispell MT 1963-65.
Pub: A Method of Analysing Costs and Returns From Applying Treated Municipal Effluent to Cropland in Missouri, Univ of MO 1974; Identifying and Delineating the Impact of Public Land Acquired for Different Predominant Uses on Local Govt Finance, Univ of MO 1976.
Mbr: AFA, OAH.
Hon: Omicron Delta Epsilon, Gamma Sigma Delta.

HENEBERRY, William H., 500 12th Street SW Room 412, Washington DC 20250; PH 202-447-8750.
Asst Dep Dir-NRED, ERS-USDA (16) 06, 07, 19.
b. 1924 Illinois; M-9.
BS 1949, MS 1953 Univ of IL; 1955-60 MI St Univ.
Fields: 021, 026, 077.
Prev Emp: Agr Econ, ERS, Michigan 1964-66; Agr Econ, ERS & ARS, MI & IL 1955-63; Agr Econ, ERS, ARS, SCS, BAE, Illinois 1949-55.

HENNING, Robin G., USAID, Asuncion, Paraguay, APO New York NY 09881; PH 2-5801.
Agr Econ Adv, USAID-USDA-PASA (24) 20, 18, 11.
b. 1926 Ohio; M-3.
1947-49 Kent St Univ; BS 1951, MS 1954 OH St Univ; PhD 1967 Cornell Univ.
Fields: 014, 012, 017, 073.
Prev Emp: Mktg Spec, AMS-USDA, Washington DC 1971-73; Agr Mktg Adv, USAID-USDA-PASA, Columbia 1968-71; Agr Econ, C&MS, USDA, Washington DC 1962-68.
Pub: Evid of Existence of Phys Races of A. Solani, Plant Disease Reporter 1959; California Grapes, An Econ Allocation Problem, Thesis, Cornell Univ 1967; Econ Survey of Med. Fly in C. America, ERS-USDA 1972.
Lang: Sp 1-1-1.
Hon: Am Men & Women of Science.

HENNING, Steven A., 421-H Agr Hall, Dept of Agr Econ, OK St Univ, Stillwater OK 74074.

HENRY, Richard L, 1309 Winewood Blvd, Tallahassee FL 32301; PH 904-488-4972.
Med Disability Examiner, St of FL (40) 06.
b. 1942 Louisiana; M.
BS 1972, MA 1973 FL St Univ.
Fields: 044, 046, 155.
Lang: Ita 3-3-3.

HENSLEE, Mark T., Dept of Agr Econ, TX Tech Univ, Lubbock TX 79411; PH 806-742-1158.
Grad Student, TX Tech Univ (03) 23, 11.
b. 1950 Texas; M.
BS 1973 W. TX St Univ; 1974-76 TX Tech Univ.
Fields: 015, 019, 157, 090.
Hon: Historical Library at Canyon TX.

HENSON, William L., Dept of Agr Econ, PA St Univ, University Park PA 16802; PH 814-865-0469.
Agr Econ, ERS-USDA (16) 07, 15, 27.
b. 1934 Maryland; M-3.
BS 1955 MD St College; MS 1957, PhD 1967 PA St Univ.
Fields: 016, 018, 014, 080.
Lang: Fr 2-0-0, Sp 2-0-0.
Mbr: AEA, PSA.

HEPLER, Fred L., 468 E Hall, Dept of Agr Econ, IA St Univ, Ames IA 50011; PH 515-294-5753.
Coop Ext Service (03) 09, 24, 23.
b. 1949 Iowa; M-1.
BS 1976 IA St Univ.
Fields: 014, 095, 094.
Prev Emp: Computer Prog. Cafritz Hospital, Washington DC 1969-73.
Mbr: Alpha Zeta, Ag-Bus Club.

HEPP, Ralph E., Dept of Agr Econ, MI St Univ, E. Lansing MI 48824; PH 517-353-7185.
Assoc Professor, MI St Univ (03) 09, 08, 07.
b. 1936 Wisconsin; M-3.
BS 1960, MS 1962, PhD 1965 Univ of WI.
Fields: 012, 011, 013, 014.
Prev Emp: Proj Assoc, Univ of WI-Madison, 1962-63.
Pub: Description & Analysis of Michigan's Small Farms, MI St Univ Agr Exp Sta 1976; Farmland and Open Space Preservation Act, MI St Univ Coop Ext Serv, 1975; Business Analysis Summary for Swine Farms, MI St Univ Coop Ext Service 1974.
Lang: Sp 3-0-0, Fr 3-0-0.
Mbr: MI-AFM&RA; MI Ext Spec Assoc.
Hon: MI Coop Ext Serv Hannah Award.

HERBST, John H., 440 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 61801; PH 217-333-3872.
Professor, Univ of IL (03) 08.
b. 1921 Illinois; M-3.
BS 1942, MS 1951, PhD 1957 Univ of IL Urbana.
Fields: 012, 011, 046, 141.
Prev Emp: Voc Agr Instr, Glenwood High School, Glenarm IL 1949-55; Voc Agr Instr, Virden High School, IL 1946-49; Voc Agr Instr, Minier & Stanford High Schools 1943-46.
Pub: Farm Management-Principles, Budgets, Plans (Text) Stipes Publ Co, Champaign IL 1968 (Rev 1970 & 74); Voc Agr Units in Agr Econ, Univ of IL, Urbana 1960-74; Farm Business Management in Career Preparation, OH St Univ 1974.
Lang: Ger 2-2-2, Fr 3-3-0.
Mbr: AVA; IL-SPM&RA; IL-AVAT.
Hon: Dic of Intl Biography; Phi Eta Sigma, Gamma Sigma Delta, IAVAT - 30 years Serv in Tchg Agr.

HERDER, Richard J., Central Soya Co, Ft Wayne IN 46802; PH 216-422-8541.
Dir of Econ Res, Central Soya Co (51) 01, 15, 07.
b. 1931 Minnesota; M-4.
BABA 1958, MS 1959, PhD 1970 Univ of MN.
Fields: 018, 014, 016.
Prev Emp: Asst Dir of Res, Fed Resv Bank, Minneapolis 1961-73; Instr, KS St Univ, Manhattan 1958-59.
Mbr: AEA.

HERDT, Robert W., Box 933, Manila, Philippines.
Agr Econ, Intl Rice Res Inst (67) 07.
b. 1939 USA; M-2.
BS 1961, MS 1963 Cornell Univ; PhD 1969 Univ of MN.
Fields: 073, 011, 012.
Prev Emp: Assoc Prof, Univ of IL, Urbana 1969-73; Res Asst, Rockefeller Found. New Delhi India, 1967-68; Trng Assoc, Ford Foundation, New Delhi, India 1962-63.
Pub: Economics of American Agriculture, 3rd Edition, Englewood Cliffs NJ 1974; Resource Productivity in Indian Agr, AJAE August 1971; Contrasting Response of Rice to Nitrogen: India and the U.S. AJAE, Feb 1964.
Mbr: AEA, IAAE, ISAE.
Hon: Am Men & Women of Science.

HERNDON, Cary W., Route 4 Box 739, Bryan TX 77801.

HERR, William M., Dept of Agr Ind, So. IL Univ, Carbondale IL 62901; PH 618-453-2421.
Professor, Southern IL Univ (03) 08, 07, 09.
b. 1930 Maryland; M-2.
BS 1951 Cornell Univ; MS 1952 Univ of IL; PhD 1954 Cornell Univ.
Fields: 013, 017, 060, 070.
Prev Emp: Econ, Farm Credit Adm, Washington DC 1973-74; Econ, ERS, Finance Br Washington DC 1966-67; Sr Lecturer, Univ of New England, Armidale, Australia 1962-64.
Pub: Influence of Farm Mortgage Terms on Real Estate Values, SJAE 1975; Factors Affecting Annual Changes in Non Real Estate Farm Debt, Farm Credit Adm, Res Jour 1975; Role of FHA's Farm Loan Programs, Agr Finance Review 1969.
Lang: Fr 3-0-0.
Mbr: AEA, SAEA, AAUP, Chpt Pres, St Council Mbr.
Hon: Dir of Am Scholars; Am Men & Women of Science; Outstanding Tchr Award for Agr School, SIU-C.

HERRAN, Magno A., Cook College Office Bldg, Rutgers Univ, New Brunswick NJ 08903; PH 201-932-9157.
Grad Asst, Rutgers Univ (03) 07.
b. 1949 Peru; Citz: Peru; U.
BS 1973, Agr Eng 1974, Natl Univ of Piura; 1974 Univ of CO; 1974-76 Rutgers Univ.
Fields: 011, 016, 081, 017.
Pub: Comparative Study of Some Defoliants on Cotton, Peru 1974.
Lang: Spanish; Other:Eng 1-1-1.
Hon:Fulbright Scholarship to Rutgers.

HERRMANN, Louis F., 1623 Craig Lane, McLean VA 22101.
Self Employed (75).
b. 1910 Michigan; M-2.
BS 1932 MI St Univ; MS 1934 WV Univ; PhD 1942 Univ of MN.
Fields: 014, 016, 017, 073.
Prev Emp: Asst to Adm, ERS-USDA, Washington DC 1968-70; Dep Dir, ME, ERS-USDA, Washington DC 1964-68; Chf, AP-ME-ERS-USDA, Washington DC 1960-64.
Pub: Changes in Agricultural Production in Brazil, USDA-FAER No. 79, 1972; Agricultural Price Policy in India, Delhi 1966; Butterfat Sampling and Testing Problems, USDA Tech Bull 1336, 1966.
Lang: Sp 1-2-2, Por 1-2-2.
Mbr: ADSA, AAAS.
Hon: Am Men & Women of Science, USDA Superior Serv Award 1954.

HERRMANN, Robert O., Weaver Bldg, Dept of Agr Econ, PA St Univ, University Park PA 16802; PH 814-865-0469.
Professor, PA St Univ (03) 07, 08.
b. 1932 Washington DC; M-2.
BS 1955 Univ of WI-Madison; MS 1961, PhD 1964 MI St Univ.
Fields: 051, 053, 014.
Prev Emp: Asst Prof, Univ of CA, Davis 1962-65.
Pub: Consumer Adoption and Rejection of Imitation Food Products, PA Agr Exp Sta Bull 779, 1972; Nader's Support: Its Sources and Concerns, Jour of Consumer Affairs 1976.
Lang: Fr 2-3-3.
Mbr: AEA, ACR, ACCI, Pres 1968-69.
Hon: Am Men & Women of Science.

HERTSGAARD, Thor A., 3425 North 2 Street, Fargo ND 58102.

HERTZ, Carl F., 1009 6th Street, Nevada IA 50201; PH 515-382-6596.
President, Hertz Farm Mgmt Inc (50) 20, 11, 27.
b. 1912 Iowa; M-6.
BS 1933 IA St Univ.
Fields: 012, 094, 151, 013.
Prev Emp: Farm Mgr & Editor, Doane Agr Service, St Louis MO 1934-46.
Mbr: ASFM&RA, Past Natl Pres (ARA,AFM); FLI, Past IA Pres.

HERVEY, Jack L., 230 South LaSalle, Fed. Reserve Bank, Chicago IL 60690; PH 312-322-5795.
Econ, Fed Reserve Bank, Chicago (33) 07.
b. 1938 Nebraska; M.
BS 1960 Univ of MN; MS 1963 Univ of NE; PhD 1966 MI St Univ.
Fields: 111, 112, 115.
Prev Emp: Asst Prof, MI St Univ 1966-68.
Mbr: AEA, IAAE.

HESSELBACH, Josef L., Dessauerstr 49, 655 Bad, Kreuznach, Germany; PH 0671-2301.
Prof-Dr, Max-Planck-Gesellschaft (71) 07, 08, 21.
b. 1931 Germany; Citz: Germany; M-6.
Dip Landwirt 1955; Dr Agr 1958 Tech Univ Munich; Privatdozent 1968 Univ of Hohenheim; Prof 1972 Univ of Mainz.
Fields: 011, 012, 084, 062.
Prev Emp: Privatdozent, Univ of Hohenhiem, Stuttgart, Germany 1964-70; Res Asst, Max-Planck-Gesellschaft, Bad Kreuznach 1957-64.
Pub: Participant Observation as a Technique in Observing Decision-Making, Sociologia Ruralis XII 1972; Production Planning in Developing Countries, Econ. 9, 1974.
Lang: German; Other: Eng 1-1-1, Fr 3-0-3.
Mbr: TIMS, GWSL, Gesellschaft fur Arbeitswissenschaft.
Hon: Intl Who's Who.

HESSER, Leon F., Off of Agr, AID, Washington DC 20523; PH 202-632-3339.
Director, USAID (24) 03, 18, 22.
b. 1925 Indiana; M-2.
1970-71 Harvard Univ; BS 1958, MS 1960, PhD 1962 Purdue Univ.
Fields: 073, 118.
Prev Emp: Chf Agr Div, USAID, Pakistan 1966-73; Agr Econ, Fed Reserve Bank, Kansas City 1962-65; Agr Econ, ERS-USDA, Lafayette IN 1957-62.
Mbr: IAAE.
Hon: Who's Who in America.

HEWITT, James O., U.S. Natl Bank Bldg, Suite 2121, San Diego CA 92101.

HIATT, Richard H., 223 N. Mill Street, Pontiac IL 61764; PH 815-844-7933.
Farm Mgr, Pontiac Natl Bank (52) 20.
b. 1948 Illinois; M-1.
BS 1970 Southern IL Univ; Banking Operations 1974 San Joaquin Delta College; MS 1976 Southern IL Univ.
Fields: 012, 013, 014.
Prev Emp: Agr Instr, Salem Comm HS, 1970-71.
Pub: Tachometers, Hobar Publications 1975.
Mbr: ASFM&RA ; IL-SFM&RA.
Hon: Alpha Zeta, Alpha Gamma Rho, Pres.

HICKMAN, Clifford A., Dept of Forest Sci, TX A&M Univ, College Station TX 77801; PH 713-845-5033.
Asst Prof, TX A&M Univ (03) 08, 07.
b. 1943 Illinois; M.
BS 1966, MS 1968 So. IL Univ; PhD 1972 SUNY.
Fields: 023, 084, 101.
Pub: Forecasting Monthly Orders for Southern Pine Lumber, Forest Products Journal 1975.
Mbr: SAF, AEA, FPRS.

HICKS, B. G., Post Office 1071, Knoxville TN 37901; PH 615-974-7271.
Prof & Ldr Ext Agr Econ, Univ of TN (03) 09.
b. 1932 Tennessee; M-1.
BS 1959, MS 1961, PhD 1970 Univ of TN.
Fields: 014, 012, 016, 017.
Pub: Optimum Number & Location of Livestock Markets, Univ of TN 1971; What Sets Hog Prices, Univ of TN 1968; Futures Trading in Fed Beef Cattle, Univ of TN 1969.
Mbr: SAEA.

HIEMSTRA, Stephen J., USDA, Washington DC 20250; PH 202-447-8044.
Dir, Econ Anal Staff, Food & Nutrition Service (23) 06, 07, 19.
b. 1931 Iowa; M-4.
BS 1953, MS 1957 IA St Univ; PhD 1960 Univ of CA.
Fields: 040, 051, 014, 018.
Prev Emp: Head, Food Consp Sect, ERS-USDA, Washington DC 1963-69; Agr Econ, MED-ERS-USDA, Washington DC 1960-63.
Pub: Food Consumption, Prices & Expenditures, GPO 1968; Concentration and Competition in the Food Industries, AJAE 1966; Growth Patterns in the Retail Grocery Business, Univ of CA 1962.
Lang: Sp 3-0-0.
Mbr: AEA, SEA, SGE.
Hon: Am Men & Women of Science; Who's Who in the South & Southwest; Certificate of Merit, USDA-ERS 1968, FNS 1971; AAEA Essay Contest Winners 1967.

HIERONYMUS, Thomas A., 305 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL; 61801; PH 217-333-3998.
Professor, Univ of IL (03) 08, 07.
b. 1919 Illinois; M-2.
BS 1941, MS 1947, PhD 1949 Univ of IL.
Fields: 014, 016, 112.
Pub: Economics of Future Trading, New York 1971.
Hon: Am Men & Women of Science.

HILDEBRAND, Peter E., ICTA Galerias Espana, 7 Av 11-59, Zona 9, Guatemala, Guatemala; PH 6-4957.
Agr Econ, Rockefeller Foundation (72) 07, 22, 18.
b. 1932 Colorado; M-1.
BS 1955, MS 1956 CO St Univ; PhD 1959 MI St Univ.
Fields: 011, 152.
Prev Emp: Vstg Prof, Univ of FL, El Salvador, 1972-74; Prof, Univ of NE, Colombia, 1968-72; Chf of Plng, Tipton & Kalmbach Inc, West Pakistan 1964-67.
Lang: Sp 1-1-1.

HILDEBRAND, John R., Fowler KS 67844.

HILDRETH, Clifford, Dept of Econ, Univ of MN, Minneapolis MN 55455; PH 612-373-5554.
Professor, Univ of MN (03) 07, 08.
b. 1917 Kansas; M.
BA 1939 Univ of KS; MS 1941, PhD 1947 IA St Univ.
Fields: 062, 081, 064.
Prev Emp: Prof, MI St Univ, 1955-63; Prof, NC St Univ, Raleigh 1953-55; Assoc Prof, Univ of Chicago 1949-53.
Mbr: AEA; ASA, Pres 1973, Ed 1960-64; Econometric Soc., Prog. Chrm 1950.
Hon: Who's Who in Am; Dir of Am Scholars; Fellow-ASA; Econometric; Inst Math Stat; Center for Adv Study BEHSEC 1962-63.

HILDRETH, R. J., 1211 West 22nd Street, Oak Brook IL 60511.
Mgr Dir, Farm Foundation (71) 04.
b. 1926 Iowa; M-3.
BS 1949, MS 1950, PhD 1954 IA St Univ.
Fields: 017, 011, 020, 030.
Prev Emp: Asst Dir, TX Agr Exp Station, Lubbock TX 1959-62; Asst Prof, Dept of Agr Econ & Soc, TX A&M Univ, 1954-58.
Pub: Readings in Agricultural Policy, Univ of NE Press 1967.
Mbr: AEA, IAAE, Sec-Treas 1973.

HILEMAN, Audley E., Central Methodist College, Fayette MO 65248; PH 816-248-3391.
Prof & Dept Chrmn, Central Methodist Coll. (03) 08, 02, 07.
b. 1936 Pennsylvania; M-3.
AA 1956 W. Wilson College; BS 1959 PA St Univ; MS 1962 NC St Univ; 1962-64 Duke Univ; PhD 1971 Univ of TN.
Fields: 020, 047, 072.
Prev Emp: Res Assoc, Univ of TN 1972-74; Asst Prof, Maryville College, TN, 1964-71; Ext Instr, NC St Univ, Raleigh 1961-62.
Pub: Time Lags in Manufacturing Employment Following Public Investment in Water Resources, Univ of TN 1972; The Impact of Public Investment in Water Resources Upon Per Capita Income, MO Valley Econ Assn 1974; Development of the Economic Potential in Agriculture in Northwest North Carolina, Raleigh: Agr Pol Inst 1963.
Lang: Sp 3-0-0, Fr 3-0-0.
Mbr: MEA; MO Valley Econ Assn.

HILL, Forrest F., 701 The Parkway, Ithaca NY 14850.
Retired (76) 26.
b. 1900 Kansas; M-1.
BS 1923 U. of Sask; PhD 1931 Cornell Univ.
Prev Emp: Govt Farm Cr Adm 1938-40; Provost Cornell U. 1952-55; VP Ford Found NY 1955-65.
Hon: Who's Who in Am; Fellow AAEA; LLD (Hon) Univ of Saskatchewan.

HILL, Howard L., Lacie Proj Office, FAS-USDA, Washington DC 20250; PH 202-447-7153.
Proj Mgr, LACIE-FAS-USDA (18) 06, 15, 07.
b. 1928 South Dakota; M.
BS 1951 SD St Univ; MS 1955, PhD 1957 Univ of WI.
Fields: 018, 026, 017.
Prev Emp: Assoc Div Dir, ERS-USDA, Washington DC 1973-74; Dep Div Dir, ERS-USDA, Washington DC 1966-73.
Mbr: SCSA.
Hon: Am Men & Women of Science.

HILL, Lowell Dean, 305 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 61801; PH 217-333-2455.
Professor, Univ of IL (03) 07, 08.
b. 1930 Iowa; M-2.
BS 1951 IA St Univ; MS 1961, PhD 1963 MI St Univ.
Fields: 014, 016, 019, 101.
Prev Emp: Self-Employed, Farmer, Iowa, 1955-60; Agr Instr, Kingsley School Board, IA 1954-55; Herdsman, Armour & Co, Chicago Fair, IL, 1950.
Pub: Corn Quality in World Markets, Interstate Printers, Danville 1975; Econ Determinants of the Farm & Elevator Trends in the Vol of Corn Artifically Dried, AJAE 1972; Spatial Price Differentials for Corn Among Illinois Country Elevators, AJAE 1974.
Mbr: IAAE.
Hon: Dir of Am Scholars; Am Men & Women of Science; Who's Who in Midwest; Gamma Sigma Delta; Sigma Xi; Sears Roebuck Scholarship.

HILL, Robert A., 131 W Park Avenue #5, State College PA 16801.

HILLMAN, Jimmye S., Dept of Agr Econ, Univ of AZ, Tucson AZ 85721; PH 602-884-2581.
Dept Head, Univ of AZ (03) 01, 07, 08.
b. 1923 Mississippi; M-3.
BS 1942 MS St Univ; MS 1946 TX A&M Univ; PhD 1954 Univ of CA, Berkeley.
Fields: 112, 113, 014, 017.
Prev Emp: Exec Dir, Natl Adv Comm on Food & Fiber, Washington DC 1966-67; Agr Econ, U.S. Oper Missions to Brazil 1955-57.
Pub: Food and Fiber for the Future, Wash. DC 1967; Quotas and Technical Barriers in Agricultural Trade, London 1976; Great Plains Agricultural Policy Seminar, Denver CO 1975.
Lang: Por 2-2-2, Sp 2-2-2.
Mbr: AEA, WAEA, Pres. 1967, AAEA Pres., 1970-71, Brd of Dir 1968-70.
Hon: Who's Who in Am; Intl Who's Who; Am Men & Women of Science; Phi Kappa Phi; Sigma Xi; Oxford Soc.

HIMES, Glenn S., 3918 Buamford Road, Columbus OH 43220.

HINES, Fred K., Room 494, 500 12th Street SW, Washington DC 20250; PH 202-447-9108.
Supr Econ, USDA-ERS-EDD, (16) 06, 07.
b. 1940 Oklahoma; U.
BS 1962, MS 1965, PhD 1970 OK St Univ.
Fields: 035, 047, 041.
Prev Emp: Econ, USDA-ERS-EDD, Washington DC 1970-74; Econ., USDA-ERS-EDD, Stillwater OK 1967-70; Agr Econ, USDA-ERS-CED, Washington DC 1965-66.
Pub: Factors Related to Participation in Food Stamp Programs, ERS Agr Econ Rpt 298, 1975; Social and Econ Characteristics of the Population in Metro and Nonmetro Counties, 1970, ERS Agr Econ Rpt 272, 1975.

HINTON, Royce A., 305 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 61801; PH 217-333-0752.
Professor, Univ of IL (03) 09, 07.
b. 1925 Illinois; M-5.
BS 1949, MS 1950 Univ of IL; PhD 1968 Univ of MN.
Fields: 012, 011, 018.
Prev Emp: Instr, Univ of MN, St Paul 1952-55; Res Asst, Univ of IL, Urbana, 1950-52.

HINTON, Troy W., 2808 Staffordshire Blvd, Powell TN 37849.

HIRSCH, Edith, 400 East 56th Street, Apt 34-C, New York NY 10022.

HIRSCH, Hans G., FAS-USDA, Washington DC 20250.
Agr Attache, USOE-CD,FAS-USDA (18) 18, 03.
b. 1916 Germany; Citz: USA; M-4.
BS 1941, MS 1942, PhD 1950 Univ of MN.
Fields: 112, 017, 016, 075.
Prev Emp: Agr Econ, ERS-USDA, Washington DC 1963-73; Agr Econ, ASCS-USDA, Washington DC 1950-51, 1954-63; Econ, Office of Price Stabilization, Washington DC 1951-53.
Pub: Grain Price Formation & Grain Price Reporting in Italy, FAER61, USDA 1970; Termination of the Bracero Program for Economic Aspects, ERS-USDA 1967.
Lang: Ger 1-1-1, Fr 2-2-2.

HIRSCH, Werner Z., Dept of Econ, Univ of CA, Los Angeles CA 90024; PH 213-825-3919.
Prof, Univ of CA, Los Angeles.
PhD 1949 Univ of CA.

HISCOCKS, Geoffrey A., Sir John Carling Bldg, Ottawa, Ontario, Canada K1A0C5; PH 613-994-5529.
Dept Sec, Agr Canada (78) 06, 18, 19.
b. 1926 England; Citz: Canada; M-3.
BS 1946 Univ of Reading; Dip Agr Econ 1948 Oxford; MS 1952, PhD 1953 Univ of IL.
Fields: 017, 112, 014, 011.
Prev Emp: Dir, Policy, Agr Canada, Ottawa 1965-75; Chf Econ, Intl Wheat Council, London 1959-65; Econ, Ministry of Agr, London 1953-59.
Lang: Fr 2-3-2.
Mbr: CAES.

HISER, Michel L., 615 W. Buffalo Street, Ithaca NY 14850.

HITE, James C., 225 Barre Hall, Dept of Agr Econ, Clemson Univ, Clemson SC 29631; PH 803-656-3374.
Assoc Prof, Clemson Univ (03) 07, 08, 21.
b. 1941 Tennessee; U.
BS 1963 Clemson Univ; MA 1964 Emory; PhD 1966 Clemson Univ; Post-Doc 1969-70, Harvard Univ.
Fields: 026, 035, 038, 085.
Prev Emp: Asst Prof, TN Tech Univ, Cookeville TN 1967; Grad Res Asst, Clemson Univ 1966.
Pub: Economics of Environmental Quality, Washington, Am Enterprises Inst 1972; Environmental Planning: An Economic Analysis, New York Praeger Publishers 1972; Coastal Zone Resources Management, New York Praeger Publishers 1971.
Mbr: AEA, SEA, SRSA Sec-Treas 1973.
Hon: Am Men & Women of Science; Contemporary Authors; Phi Kappa Phi; Gamma Sigma Delta; Alpha Zeta.

HITZHUSEN, Fredrick J., Dept of Agr Econ & Rural Soc, OH St Univ, 2120 Fyffe Road, Columbus OH 43210; PH 614-422-6731.
Asst Prof, OH St Univ (03) 07, 09, 08.
b. 1940 Iowa; M-2.
BS 1962 IA St Univ; 1965 MI St Univ; MS 1968 Purdue Univ; PhD 1972 Cornell Univ.
Fields: 032, 026, 039, 066.
Prev Emp: Grad Asst, Cornell Univ, 1968-71; Instr, Vincennes Univ, IN, 1968; Adm Asst, Purdue Univ 1966-67.
Mbr: AEA, CDS.
Hon: Phi Kappa Phi, Alpha Zeta.

HITZHUSEN, Robert, 5705 - 40th Avenue, Hyattsville MD 20781

HJORT, Howard W., 1339 Wisconsin Ave NW Washington DC 20007; PH 202-333-7650.
V. Pres., Schnittker Assoc (51) 15, 19, 18.
b. 1931 Montana; M-5.
BS 1958, MS 1959 MT St Univ; 1959-62 NC St Univ.
Fields: 017, 018, 073, 112.
Prev Emp: Prog Adv, Ford Foundation, New Delhi, India 1969-72; Prog Off, Off of Sec, USDA, Washington DC 1965-69; Staff Econ, Off of Sec, USDA Washington DC 1963-65.
Mbr: Common Cause, Coord 10 CD.

HO, Foo-Shiung, 141 W. Jackson Blvd, Chicago IL 60604; PH 312-435-3560.
Econ & Proj Supr, Chicago Board of Trade (53) 07, 10, 15.
b. 1941 Taiwan; Citz: USA; M-2.
BS 1964, MS 1967 Natl Taiwan Univ; ME 1971 NC St Univ; PhD 1974 VPI & St Univ.
Fields: 016, 112, 060, 080.
Prev Emp: Res Assoc, VPI & St Univ 1974; Res Asst, VPI & St Univ 1971-74; Res Asst, NC St Univ, Raleigh, 1971.
Pub: A Low-Cost Spatial Equilibrium Solution Procedure, AJAE 1972; Reactive Programming: A Market Simulating Spatial Equilibrium Algorithm, NC St Univ 1972.
Lang: Chinese; Other: Eng 1-1-1, Ger 3-3-3.

HOAG, W. Gifford, 1735 Eye Street, Washington DC 20006; PH 202-452-8018.
Consultant, E.A. Jaenke & Associates Inc (54) 18, 17, 27.
b. 1909 New York; M-2.
BS 1931, MS 1934 Cornell Univ.
Fields: 095, 094, 091, 134.
Prev Emp: Asst to Governor 1969-74; Asst Chief, Res & Inf. 1955-69; Dir of Inf. 1950-55, Farm Cr Adm, Washington DC.
Mbr: AMA; CEA, Dir 1962-63; CIA Pres. 1965-66, Dir 1960-66.
Hon: Who's Who in South & Southwest; Fed Land Bk 50th Anniv Medal; Kline Felter Award of Coop Ed Assn, Sp Recg, AIC and Adv Coun of Coops.

HOAGLAND, George W., 2nd & D Streets, Room 3417, Washington DC 20515; PH 202-225-1260.
Staff Economist, U.S. Congressional Budget Office (26) 19, 18.
b. 1947 Indiana; M-0.
BS 1969 Purdue Univ; MS 1972 PA St Univ.
Fields: 044, 051.
Prev Emp: Staff Econ, USDA-FNS, Washington DC 1974-75; Assoc Dir, Reg Plng Coun, Ft Wayne IN 1973-74; Res Assoc, PA Health Res Inst, Harrisburg PA 1972-73.
Pub: Health Screening in Rural Pennsylvania Harrisburg PA 1973.
Mbr: AEA.
Hon: Alpha Zeta, Omicron Delta Kappa, USDA Award of Merit.

HOBSON, Asher, Little Norway, Blue Mounds WI 53517.

HOCH, Irving J., 1755 Massachusetts Ave NW, Washington DC 20036; PH 202-462-4400.
Fellow, Resources for the Future (70) 07.
b. 1926 USA; M.
PhB 1945, AM 1951, PhD 1957 Univ of Chicago.
Fields: 036, 020, 081, 011.
Prev Emp: Assoc Prof, Univ of CA, Berkeley, 1959-67; Economist, Chicago Area Transport Study, Chicago 1956-59; Res Assoc, Agr Econ Res, Univ of Chicago 1955.
Pub: Prod Feas Time Service & Cross Section Data, Econometrica 1962; Urban Scale & Environmental Quality, Common Pop Growth Res Report VIII, 1972; Wages, Climate & Quality of Life, Jour of Env Econ & Mgmt 1975.
Mbr: AEA, RSA, ES.
Hon: Am Men & Women of Science.

HOCK, Kenneth J., Div of Res Mgmt, Coll of Agr & Forestry, WV Univ, Morgantown WV 26506; PH 304-293-3232.
Assoc Prof, WV Univ (03) 07, 08.
b. 1934 Wisconsin; M-2.
BS 1961, MS 1963 Univ of WI; PhD 1973 Univ of AZ.
Fields: 025, 038, 036, 045.
Prev Emp: Res Assoc, Univ of AZ 1964-70; Agr Econ, NRED-ERS-USDA, Washington DC 1962-64; Res Asst, Univ of WI-Madison, 1961-62.
Pub: Adjustments on the Farm and Transition Out of Farming in Two Wisconsin Dairy Areas: 1950-60, Univ of WI Res Bull 264, 1965; Agricultural Adjustments to a Falling Ground Water Table in Central Arizona, Dissertation, Univ Microfilm s, Ann Arbor MI 1973; Analysis of the Campground Market in the Northeast-Report III-A Perspective on the Camping Involvement Cycle, NE Forest Exp Sta Res Paper NE-322, 1975.
Mbr: NAEC, NAC&TA, NR&PA.
Hon: Omicron Delta Epsilon, Beta Gamma Sigma, Gamma Sigma Delta.

HOCKENSMITH, Michael S., PO Box 133, Scottsville Road, Bowling Green KY 42101; PH 502-781-1733.
Asst Office Mgr, Mammoth Cave PCA (32) 17.
b. 1951 Kentucky; M.
BS 1973, MS 1975 Univ of KY.
Fields: 012, 152.
Prev Emp: Res Asst, Univ of KY 1974-75.
Hon: Gamma Sigma Delta, Alpha Zeta.

HOECKER, Harold H., Dept of Agr & Res Econ, Univ of MD, College Park MD 20742; PH 301-454-3805.
Assoc Prof, Univ of MD (03) 09.
b. 1916 Missouri; M-1.
BS 1941 IA St Univ; MS 1950 Am Univ, Washington DC.
Fields: 014, 091, 155.
Prev Emp: Sanitarian, U.S. Public Health Service, St Louis MO 1942-48; Owner, Retail Store Operator, MO 1935-37.
Pub: Management of Pick-Your-Own Operations, NE Ext Mktg Pub 1975; Survey of Wholesale Grocery Industry, Wholesale Groc Assn, Washington DC 1968; Consumer Acceptance of Sweet Potatoes, Univ of MD 1967.
Lang: German.
Mbr: MSA, NCAA.
Hon: Epsilon Sigma Phi, Who's Who in Am, Intl Who's Who, Am Men & Women of Science, Who's Who in East.

HOECKER, Raymond W., 14529 Kelmscot Drive, Silver Spring MD 20906; PH 301-598-7732.
Retired Area Director, USDA (15) 26.
b. 1913 Missouri; M-4.
BS 1936 IA St Univ; MS 1939, PhD 1941 Cornell Univ.
Fields: 014, 015.
Prev Emp: Area Dir, ARS-USDA, Hyattsville MD 1972-75; Asst Dir, MFRD-ARS, Hyattsville 1962-72; Br Chief, Food Dist Branch, ARS, Washington DC 1950-62.
Mbr: AMA, Pres. V.P. & Dir, FDRS, Founder.
Hon: Superior Service Award, USDA; Mktg Research Man of the Year.

HOELSCHER, Wilfred H., PO Box 5206, Bakersfield CA 93308; PH 805-399-4456.
Agr Econ Anal, Getty Oil Company (51) 11, 15, 17.
b. 1941 Texas; M-1.
BS 1964 NM St Univ; MS 1967 PA St Univ.
Fields: 014, 012, 011.

HOFFMAN, Austin C., 1261 Country Lane, Kraft Foods Company, Northbrook IL 60062.
Retired (76) 26.
b. 1905
BS 1926 KS St Univ; MS 1929 IA St Univ; PhD 1938 Harvard Univ.
Fields: 101.
Prev Emp: Dir, Food Price Control, OPA, Washington DC 1941-43; Econ, Bur Agr Econ, Washington DC 1935-40.
Pub: Large Scale Organization in Food Industry, Temp Natl Econ 1939.

HOFFMAN, Fred H., PO Box 5524, Alexandria LA 71301; PH 318-448-3421.
Agr Stat, USDA-Stat Reporting (22)15.
b. 1924 Kansas; M-2.
BS 1951, MS 1956 KS St Univ.
Fields: 012, 017, 013.
Prev Emp: Job & Position Planner, Boeing Airplane Company, KS 1954-56; Methods Study Eng. Boeing Airplane Company, KS 1953-54.
Mbr: OPEDA.

HOFFMAN, George, 7410 Elgar Street, Springfield VA 22151.

HOFFMAN, Lindwood A., 303 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 61801; PH 217-333-1819.
Agr Econ, Univ of IL (16) 07.
b. 1943 Pennsylvania; M.
Assoc Degree 1963, Bethlehem Bus. College; BS 1970 PA St Univ; MS 1972 PA St Univ.
Fields: 019, 014, 081, 016.
Prev Emp: Br Acct, 1963-64; Asst Supr 1965-GMC, PA Dist Acct, Air Prod & Chem Inc, PA.
Pub: A Description of Supply Serving Pennsylvania Convenience Stores, MS Thesis, 1972; Livestock Trucking Services, Agr Econ Rpt #312, ERS-USDA, 1975; Impact of Unit Trains on Corn Price Relationships at Country Elevators, IL Agr Economics 1976.
Lang: Ger 3-3-3.
Mbr: NAEC.
Hon: Omicron Delta Epsilon; Alpha Zeta.

HOFFMAN, Robert G., Apt 203 - 200 W. Columbia Street, Falls Church VA 20046.

HOFFMANN, Randall A., Jr., Intl Prog Off 115 Curtiss Hall, Dept of Economics, IA St Univ, Ames IA 50011; PH 515-294-4867.
Chf of Party, Iowa-Peru, IA St Univ (03) 03, 07.
b. 1928 Iowa; M-2.
BS 1950, MS 1951, PhD 1960, IA St Univ.
Fields: 073, 012, 011.
Prev Emp: Agr Sec Anal, Min PEP, Panama, 1971-74; Assoc Prof, ISU-FF, Mexico 1965-71; Agr Econ & Chf, RDD, USAID -Argentina, 1961-65.
Pub: Panama's Economic Development: Role of Agriculture, IA St Univ Press, 1975.
Lang: Spa 1-1-1. Hon: Am Men & Wo of Sci.

HOFLAND, Daniel D., Sperry, New Holland PA 17557.

HOFSTRAND, Donald M., Area Ext Office, Willowbrook Plaza, Mason City IA 50428; PH 515-424-5432.
Ext Mgmt Spec, IA St Univ, (03) 09, 07, 20.
b. 1944 North Dakota; U.
BS 1966, MS 1969 North Dakota St Univ.
Fields: 012, 014, 018, 013.
Prev Emp: Res Econ, ND St Univ, 1969-71; Grad Asst, ND St Univ 1966-69.
Pub: Sugarbeet Production Costs, ND St Univ 1970; Farmers Attitudes Toward Policy, ND St Univ 1970.
Mbr: NACAA; ISFM&RA.

HOGG, Howard C., 500 12th Street SW, Washington DC 20250; PH 202-447-8746.
Agr Econ, ERS-USDA (16) 81, 21.
b. 1935 USA; M-2.
BS 1958, MS 1959 OR St Univ; PhD 1965 Univ of HI.
Fields: 11, 21, 84.
Lang: Portugese.
Mbr: IAEA.
Hon: Am Men & Women of Science.

HOLDCROFT, Lane E., 4107 Lorcom Lane, Arlington VA 22207.

HOLDER, David L., 500 12th Street SW, Washington DC 20250; PH 202-447-8839.
Agr Econ, FCS-USDA (19) 22, 07.
b. 1943 New Jersey; M-2.
BS 1965, MS 1966 Cornell Univ; PhD, MI St Univ.
Fields: 014, 015.
Prev Emp: Asst Prof, VPI & St Univ, Blacksburg VA 1970-73.
PUb: Computerized Forward Contract Market for Slaughter Hogs, AE 211, MI St Univ 1972; Ohio Livestock Trends: 1950-73, Projections to 1985, SR 147, FCS-USDA, Washington DC 1975.
Lang: Spa 2-3-3.
Hon: Va Council of Farmer Coop Cert. of Appreciation for Service to Youth, 1973.

HOLDER, Jerry R., 668 Clifford David Fed Bldg, Memphis TN 38103; PH 901-534-3854.
Economist, U.S. Army Corps of Engineers (26) 15.
b. 1940 Texas; M-2.
BS 1964, MS 1966 MS St Univ.
Fields: 021, 035. Mbr: SAEA.

HOLDERNESS, James S., 107 Krauss Hall, 2500 Dole Street, Honolulu HI 96822; PH 808-948-7545.
Assoc Prof, Univ of HI (03) 07, 02, 08.
b. 1925 California; M-8.
BS 1950 Univ of ID; MS 1952 Cornell Univ.
Fields: 013, 012, 014, 017.
Prev Emp: Chief, Reports Branch, USAID-FEW-PASA, Saigon, Vietnam 1966-69; Agr Editor, Univ of ID, Moscow 1963-66; Managing Editor, Doane Agr Serv, St Louis MO 1952-63.
Pub: USAID/Vietnam Food and Agriculture Weekly Reports, Saigon 1966-69; USAID/ Vietnam Food and Agriculture Quarterly Reports, Saigon 1966-69; Agricultural Digest
Mbr: Am Assn of Agr College Editors, Reg. Rep & Chairman 1975 Conference.

HOLE, Erling, 6453 Oakwood Drive, Falls Church VA 22041.
(76).
b. 1899 Norway; Citz: USA; M-0.
Landbukskandidat, 1920, Norwegian Agr. Coll; MS 1932 IA St Univ; PhD 1938 Harvard Univ.
Fields: 011, 014.
Prev Emp: Agr Econ, USDA, Washington DC 1937-69.
Pub: Tobacco Growers' Costs and Returns in Kentucky, KY 1958; Machinery Costs, Wheat Growers in North Dakota, USDA 1963.
Lang: Norwegian; Other Eng 1-1-1.
Hon: Phi Kappa Phi; Gamma Sigma Delta.

HOLLAND, David W., Dept of Agr Econ, Washington St Univ, Pullman WA 99163; PH 509-335-1605.
Asst Prof, WA St Univ (03) 07, 08.
b. 1941 USA; M.
BS 1964, MS 1967 CO St Univ; PhD 1972 OK St Univ.
Fields: 039, 022, 030.
Prev Emp: Asst Prof, Univ of KY 1972-73.
Pub: Rural School Consolidation, AJAE, 1975; Benefit Spillovers--School Finance AJAE 1974; Human Capital Migration, Land Economics 1973.
Lang: Fr 0-3-0.
Mbr: WAEA.

HOLLAND, Robert L., College of General Studies, George Washington Univ, Washington DC 20052; PH 202-676-7043.
Dean, George Washington Univ (02) 02, 08, 16.
b. 1930 North Carolina; M-1.
BS 1951, MS 1956, Univ of TN; PhD 1960 TX A&M Univ.
Fields: 090, 100, 020, 040.

HOLLAR, David C., 801 East 23rd Street, Bryan TX 77801.

HOLLEY, Daniel L., Dept of Forestry, Box 5488, Raleigh NC 27607; PH 919-737-2892.
Assoc Professor, NC St Univ (03) 07, 08.
b. 1939 South Carolina; M-2.
BA 1961 Wofford College; BS 1963, MF 1965; PhD 1968 NC St Univ.
Fields: 023, 093, 065.
Prev Emp: Econ, U.S. Forest Serv, New Orleans LA 1966-71.
Pub: Location of Ply and Lbr Industries, Land Economics 1970.
Mbr: SAF; SEA.

HOLLING, Ronald W., Room 481, GHI Bldg, USDA-ERS-EDD, Washington DC 20250; PH 202-447-8879.
Labor Econ., USDA-ERS (16) 07.
b. 1945 Oregon; M-1.
BA 1971, MS 1975 Brigham Young Univ.
Fields: 046, 124, 121, 122.
Mbr: Am Arbitration Assn.

HOLLOWELL, Eugene G., PO Box 27147, Memphis TN 38127; PH 901-357-2311.
Spec Proj Coordinator, W.R. Grace & Co. (51) 15.
b. 1920 North Carolina; M-3.
BE 1941 NC St Univ; MS 1943, PhD 1947 IA St Univ.
Fields: 014, 018, 016, 011.
Prev Emp: Devl Eng., J.T. Baker Chem Co; New Jersey 1949-60.
Mbr: AICE; ACS.

HOLM, Wendy R., 1803-1401 Prince of Wales Drive, Ottawa, Ontario, Canada K2C 3T8.

HOLMES, Lloyd I., Budget Div, USDA, Washington DC 22042; PH 202-447-3674.
Director, USDA, Budget Div ASCS (23) 06, 18, 17.
b. 1925 Utah; M-3.
AS 1953 Weber Jr College; BS 1955, MS 1956 UT St Univ.
Fields: 136, 073, 091, 017.
Prev Emp: Staff Asst, ASCS, Washington DC 1971-72; Agr Econ, ASCS, Washington DC 1969-71; Econ, USDA-PASA-USAID, El Salvador 1967-69.
Lang: Spa 1-1-1.
Hon: Alpha Zeta, Pres.; Phi Kappa Phi; Washington Alumni Assn; Research Scholar UT St Univ.

HOLMES, Mac R., Georgia Experiment Sta, Dept of Agr Econ, Experiment GA 30212; PH 404-228-7232.
Asst Prof, Univ of GA (03) 07, 14, 09.
b. 1942 Arkansas; U.
BA 1964, Hendrix College; MS 1967 LA St Univ; PhD 1970 MS St Univ.
Fields: 016, 011, 081, 083.
Prev Emp: Asst Prof, Dept of Forest Sci, TX A&M Univ 1970-71.
Pub: A Set of Computer Programs for Scheduling Timber Production From an Even-Aged Forest, MS Agr & For Sta 1971; Potential Beef and Veal Supplies and Cattle and Calf Prices, 1972-79, GA Agr Exp Sta Bull, 1973; Mixed Integer Programming of Small Farm Organizations for Part-time Farmers in a Piedmont County, GA Agr Exp Sta Bull, 1974.
Mbr: SAEA.

HOLMES, Oliver W., 205 Filley Hall, East Campus, Univ of NE, Lincoln NE 68583; PH 402-471-5447.
Exec Secretary, Great Plains Agr Council (16) 04.
b. 1929 South Dakota; M-1.
BS 1958 Univ of CA; MS 1960 MT St Univ.
Fields: 035, 091.
Prev Emp: Exec Sec, WAEA, Corvallis OR 197 74; Agr Econ USDA, Wash. DC 1967-70; Agr Econ USDA, Columbia MO 1964-67.
Pub: The Role of Multi County Devl Distric in Rural Areas, ERS-USDA 1975; Profile c Disabled Household Heads & Spouses in Rural Areas of the Ozarks, ERS-USDA 1971
Mbr: WAEA, Sec Tres 1970-74.

HOLMES, Stewart, Off of Energy Systems, 825 N. Capitol Street, Washington DC 20426; PH 202-275-4806.
Res Econ, Federal Power Comm (36) 07, 18, 19.
b. 1942 Oregon; M-2.
BS 1965 OR St Univ; PhD 1969 Univ of MD.
Fields: 020, 030, 040, 070.
Prev Emp: Assoc Prof, Univ of MD 1969-73.
Pub: Market Structure, Conduct & Foodgrain Pricing Efficiency (book) MSS Educ Pub Co 1971; Accomodating National Energy Needs in Coastal Zone Management Planning, Proceedings of Marine Tech Society 1974; Profile of Poverty in Maryland, Univ of MD Exp Sta Bull 1974.
Mbr: NEAEA; SAEA; AEA.
Hon: Am Men & Women of Science; Who's Who in Maryland.

HOLROYD, William M., OCA-DIBA, Rm 3024, U.S. Dept of Commerce, 14th & Constitution Ave, Washington DC 20230; PH 202-967-2101.
Intl Econ, U.S. Dept of Commerce (11) 07.
b. 1928 West Virginia; M-2.
BM 1950, MM 1951, Univ of Cincinnati; MBA 1960 Indiana Univ; PhD 1972 Univ of MD.
Fields: 113, 081.
Prev Emp: Agr Econ, USDA-FCS Washington DC 1965-73; Asst Dir, Indiana Farm Bureau Coop, Indianapolis IN 1961-65; Gen. Off. Cons., Kroger Company, Cincinnati 1958-61.
Pub: Number, Size and Location of Plants for Honey Coop, Univ of MD and USDA-FCS 1973; The Dual of a Cost Minimizing Linear Transhipment Model, SJAE 1974.
Lang: Fr 2-2-3.
Mbr: SID; AEA; ASA.
Hon: General Musician Award, Univ of Cincinnati OH.

HOLT, James S., 103-C Weaver Bldg, Dept of Agr Econ, PA St Univ, University Park PA 16802; PH 814-865-6361.
Prof of Agr Econ, PA St Univ (03) 07, 08, 09.
b. 1938 USA; M-2.
BS 1959, PhD 1964 PA St Univ.
Fields: 012, 120, 011, 013.

HOLT, John, G-105 McCarty Hall, Univ of FL, Gainesville FL 32611; PH 904-392-1881.
Assoc Prof, Univ of FL (17) 20, 09, 08.
b. 1936 New Mexico; M-2.
Fields: 012, 011, 013, 093.
Prev Emp: Asst County Agt, Ext Service, Lubbock TX 1962-65; Cowboy, Ranches, Bea Corp.. Southwest, 1955-61.
Pub: Educational Programs for Commercial Agriculture and Agribusiness, SJAE 1973; Farm Management Considerations in the Value of Using Crossbred Beef Cows, JASFM&RA 1973; Effective Business Planning, FL Coop Ext Service1975.
Lang: Fr 1-0-0.
Mbr: SAAEA; ASFM&RA; FSFM&RA.
Hon: Am Men & Women of Science.

HOMME, Henry A., 3 Patterson Hall, NC St Univ, Raleigh NC 27607; PH 919-737-2612.
Ext Assoc Professor, NC St Univ (03) 09.
b. 1917 South Dakota; M-3.
BA 1938 Augusta College (SD); MS 1949. MI St Univ.
Fields: 014.
Prev Emp: Asst Prof, IA St Univ 1949-55.
Pub: Our Milk Supply (Ext Circ 540) NC St Univ 1972; Organizing Our Milk Supply (Ext Cir 542) NC St Univ 1972; The Use of Bases in NC Milk Markets, (Misc Pub 15) NC St Univ 1964.
Lang: Norwegian 3-3-3.
Hon: Phi Kappa Phi.

HONDAI, Susumu, 5-30 Shimmachi, Chikko, Okayama-shi, Japan.

HONORE, William H., 19th & C Streets, NW, Washington DC 22042; PH 202-343-5713.
Supr Outdoor Rec., US Dept of the Interior (13) 06, 15, 07.
b. 1931 Illinois; M-2.
BS 1953 Univ of IL; MS 1961, PhD 1963 PA St Univ.
Fields: 025, 012, 036, 011.
Prev Emp: Econ, U.S. Dept of the Interior, Washington DC 1968-71; Econ Anal, Ford Motor Co., Detroit MI 1959-60; Rec. Spec., President's Coun on Rec of Natl Beauty, Washington DC 1966-67.
Pub: From Sea to Shining Sea, U.S. Government Printing Office, 1968; Effect of Yield Variation on Farm Plans, PA St Univ, Thesis 1961; Off-Road Vehicle Environmental Statement, Washington DC 1972.
Lang: Fr 3-3-3.
Mbr. Soc of Govt Econ, Treas & Board Mbr; NRPA.
Hon: Alpha Zeta, Wright Honorary Scholarship.

HOOBLER, Sharon Q., Ext Service, USDA, Washington DC 20250; PH 202-447-5633.
Dir, Commodity Industry, USDA (17) 06.
b. 1920 Oklahoma; M-2.
BS 1947, MS 1949 OR St Univ; 1962 Univ of MD.
Fields: 014, 018.
Prev Emp: Dir, Mktg Div, USDA, Wash. DC 1958-73; Outlook Econ, USDA, Wash. DC 1957; Ext Outlook Spec, WA St Univ, Pullman 1955-57.

HOOD, Kenneth, 604 W. Campbell Street, Arlington Heights IL 60005.
Retired (76) 26, 27.
b. 1907 Pennsylvania; M.
BS 1930 PA St Univ; PhD 1934 Cornell Univ.

Fields: 014, 015.
Prev Emp: Sec. Mkt Devl & Res, Am Farm Bureau Fed, Park Ridge IL 1971-73; Gen Mgr, Am Agr Mkt Assn, Chicago, 1968-73; Agr Econ Ext, PA St Univ 1935-52.
Lang: Ger 2-2-2.
Mbr: AMA; AMB. Kiwanis.
Hon: Who's Who in Midwest; Personalities of the West & Midwest; Distinguished Mktg Award; Am Farm Bureau Fed.

HOOFNAGLE, William S., 500 12th Street SW, Washington DC 20250; PH 202-447-8829.
Assoc Dir, NEAD-ERS-USDA (16) 06, 07.
b. 1921 Virginia; M-3.
PhD 1951 Univ of VA.
Fields: 014, 073, 112, 118.
Lang: Ger 2-2-2.

HOOKER, Emile N., Census Bureau, Suitland MD 20023; PH 301-763-5889.
Stat., Census Bureau, (11) 22, 14, 07.
b. 1909 Nicaragua; M-2. Citz: USA.
MS 1939, PhD 1943 Cornell Univ.
Fields: 011, 013, 081, 073.
Prev Emp: Econ, UNESCO, FAO, ILO, Mexico 1961-63; Agr Econ, FAO, Ceylon 1960-61; Agr Econ, FAO, Paraguay 1957-59.
Pub: Farm Finance, Washington DC 1974; Agr. Prices in Paraguay, Asuncion, Paraguay 1958; Beef Cattle in Paraguay-Production and Marketing, Asuncion, Paraguay 1959.
Lang: Spanish; Other Eng 1-1-1, Por 3-3-0.
Mbr: ASA.
Hon: Dept of Commerce Award Superior Fed Service.

HOOPER, Jack F., 1808 Main Street, Kansas City MO 64108.

HOOS, Sidney S., Dept of Agr Econ & Bus Adm Univ of CA, Berkeley CA 94720; PH 415-042-3349.
Professor of Agr Econ, Univ of CA, Berkeley (03) 07, 08, 01.
b. 1911 New York; M-2.
AB 1934, AM 1935 Univ of MI; PhD 1939 Stanford Univ.
Fields: 014, 062, 100, 110.
Prev Emp: Prof, Univ of CA, Berkeley 1950.
Lang: FR 2-3-3, Ger 2-2-3.
Mbr: AEA; ES; IMS.
Hon: Who's Who in Am; Directory of Am Scholars; Am Men & Women of Science.

HOOVER, Dale M., Dept of Econ & Business, Box 5368, Raleigh NC 27607; PH 919-737-2608.
Professor, NC St Univ, (03) 07, 08.
b. 1931 Iowa; M-3.
BS 1952, MS 1954, IA St Univ; PhD 1961, Univ of Chicago.
Fields: 017, 016, 121, 044.
Prev Emp: Vstg Prof, Univ of CA, Davis, 1970-71; Assoc Prof, NC St Univ, 1964-68; Asst Prof, NC St Univ 1959-64.
Pub: Measurement and Importance of Real Capital Gains, JFE 1962; Food for the Hungry, National Planning Assoc 1969; Impact of Federal Cotton Programs, U.S. Congress Joint Econ Comm. 1973.
Lang: Fr 3-0-0.
Mbr: AEA; SAEA.
Hon: Am Men & Women of Science; Who's Who in the South and Southwest.

HOPKIN, John A., Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-2116.
Dept Head, TX A&M Univ (03) 02, 08, 07.
b. 1918 Wyoming; M-5.
BS 1942, MS 1949 Univ of WY; PhD 1954 Univ of IA.
Fields: 013, 011, 017, 012.
Prev Emp: Prof., Univ of IL 1967-70; VP, Bank of America, San Francisco CA 1955-67; Asst Prof, Univ of WY, Laramie 1949-55.
Pub: Economies of Size in Cattle Feeding Industry, JFE, May 1958; Financial Management in Agricultural Conglomerate Growth in Agriculture--Some Policy Implications, Agr Finance Review, July 1972.
Mbr: SAEA; WAEA.
Hon: Alpha Zeta; Phi Kappa Phi; Sigma Xi.

HOPKINS, Robert J., Limestone College, Gaffney SC 29340.

HOPP, Henry, Box 275, Lodi NJ 07644.
Intl Agr Cons (75) 22, 18.
b. 1911 New York; M-2.
BS 1931 NY St Coll of Forestry; BS 1932 Germany; BS 1933 France; MS 1934, PhD 1936 NY City State College.
Fields: 073, 118, 077, 152.
Prev Emp: Intl Econ, U.S. Dept of State, Washington DC 1965-69; Pr. Agr Econ, Near East Foundation, Ghana 1969-71.
Lang: Sp 1-1-1, Fr 1-0-0.
Mbr: SID; SAF; ES.
Hon: Superior Service Award, USDA.

HOPPE, Stanley F., Dept of Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-1490.
Res. (03) 23, 07, 08.
b. 1944 Michigan; U.
BS 1966 MI St Univ; MBA 1971 Central MI Univ; PhD 1976 WA St Univ.
Fields: 040, 030.
Prev Emp: Conf. Cons., MI St Univ 1970-71; Mgmt Trainee, General Foods, Battle Creek MI 1969; Spec. U.S. Army 1966-68.
Pub: Occupations, Earnings and Associated Characteristics of Adults Graduating from High Schools in Nonmetropolitan Washington, WA St Univ 1974.
Mbr: WAEA.
Hon: Who's Who in American Coll & Univ.

HOPPER, William D., PO Box 8500, Ottawa, Ontario, Canada K1G3H9; PH 613-996-2321.
President, International Devl., Res Centre (72) 04.
b. 1927 Canada; Citz: Canada; M-2.
BS 1950 McGill Univ; PhD 1957 Cornell Univ.
Fields: 073, 154, 118.
Prev Emp: Assoc Field Dir, Rockefeller Foundation, India, 1966-70; Agr Econ, Ford Foundation, 1962-65; Asst Prof Econ, Univ of Chicago 1959-61.

HORBALY, William N., FAS-USDA, South Bldg 14th & Independence Avenue, Washington DC 20250; PH 202-447-6138.
Asst Adm, FAS-USDA (18) 03.
b. 1920 Ohio; M-2.
BS 1946 Kent St Univ; MA 1947 Univ of Chicago; 1949-50 Charles Univ, Prague; PhD 1951 Univ of Chicago.
Fields: 010, 110.
Prev Emp: Agr Attache, FAS, Embassy, Beirut, Lebanon 1969-72; Program Coord., FAS, Washington DC 1964-67; Agr Attache, FAS, Embassy Moscow 1959-64.
Pub: Agricultural Conditions in Czechoslovakia 1950, Univ of Chicago Press 1951.
Lang: Rus 1-1-1, Fr 2-2-2.
Mbr: IAAE; AAG.
Hon: Sigma Xi.

HORNER, Gerald L., Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-6001.
Agr Econ, ERS-USDA (16) 07, 08.
b. 1939 North Dakota; M-2.
BS 1962, MS 1967 ND St Univ; PhD 1970 WA St Univ.
Fields: 026, 021.
Prev Emp: Res Asst, WA St Univ 1967-70; Res Asst, ND St Univ 1966-67.
Pub: Internalizing Agricultural Nitrogen Pollution Externalities, AJAE, Feb 1975.

HOSEMANN, John K., 225 Touhy Avenue, Park Ridge IL 60068; PH 312-696-2020.
Commod Spec, Am Farm Bur Fed (70) 18, 22.
b. 1942 USA; M-1.
BS 1968, MS 1971 MS St Univ.
Fields: 010, 060, 110, 090.
Prev Emp: Res Mgr, IL Central Gulf, Chicago IL 1971-73; Res Asst, MS St Univ, 1969-71.
Pub: Annual Income Payments: An Approach to Increase Productive Efficiency in Small Forestland Resource Use, Bull. 787, MS St Univ 1971.

HOSTETLER, John E., Executive Office Bldg, 1947 Sproul Road, Broomall PA 19008; PH 215-353-6889.
Group Leader, ERS (16) 06, 15, 07.
b. 1933 Michigan; M.
BS 1956, MS 1957, PhD 1970 MI St Univ.
Fields: 020, 038, 035, 047.
Prev Emp: Grad Asst, MI St Univ, 1961-63; Lt, U.S. Navy 1957-60; Grad Asst, MI St Univ 1956-57.
Pub: Rural Water Use Appendix-Chesapeake Bay Study, Corps of Engineers, Baltimore 1976; Sensitivity Analysis, Selected LP Assumptions of Agr Stability, PhD Dissertation 1970; Subdivision Trends SE Michigan, MI Quarterly Bull 1959.

HOTTEL, J. Bruce, Finance Program, NEAD-ERS, Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-2116.
Agr Econ, ERS-USDA (16) 07, 15.
b. 1933 Oklahoma; M-3.
MS 1960 OK St Univ; PhD 1972 TX A & M Univ.
Fields: 013, 018, 017.
Prev Emp: Instr, Univ of AR 1962-65; Res Assoc, Fed Res Bank of Kansas City MO 1960-62.
Pub: Agr Finance Outlook ERS, Washington DC 1975; Returns to Equity Capital, ERS, Washington DC 1976; Analysis of Financial Structure of Rice Producers, TX A&M Univ, 1972.
Lang: Ger 2-3-3.

HOUCK, James P., Dept of Agr & Applied Econ, Univ of MN, St Paul MN 55101; PH 612-376-3560.
Professor, Univ of MN (03) 07, 08.
b. 1936 Pennsylvania; M-2.
BS 1957, MS 1959, PA St Univ; PhD 1963 Univ of MN.
Fields: 016, 017, 112.
Prev Emp: Asst & Assoc Prof, Univ of MN, St Paul 1965-70; Asst Prof, Harvard Business School, Boston MA 1964-65; Asst Prof, PA St Univ 1963-64.
Mbr: AEA; IAAE.

HOUGH, Franklin S., Dept of Economics, Graceland College, Lamoni IA 50140.

HOURIGAN, W. Wilson, Dept of Agr Econ, Univ of KY, Lexington KY 40506; PH 606-258-8541.
Ext Prof of Agr Econ, Univ of KY (03) 09.
b. 1922 Kentucky; M-2.
BS 1945 U.S. Naval Academy; BS 1952, MS 1962, PhD 1969 Univ of KY.
Fields: 017, 018, 112.
Prev Emp: Area Ext Agt, Univ of KY, Bowling Green 1957-60; Co. Ext Agt, Univ of KY, Bowling Green 1954-57.
Pub: Growers' Response to the 1967 Acreage-Poundage Referendum for Burley Tobacco, Univ of KY 1969; Environmental Waste: Causes & Solutions, SEPAC Publication No. 2, 1973; Acreage-Poundage, What It Means to Burley Growers, Univ of KY Coop Ext Service 1966.
Lang: Sp 3-3-0.
Mbr: SAEA.
Hon: Gamma Sigma Delta; Epsilon Sigma Phi.

HOUSE, Alvin E., 36 Agr Hall, Dept of Agr Econ, MI St Univ, E. Lansing MI 48824; PH 517-355-5269.
Professor, MI St Univ (03) 09.
b. 1926 Kansas; M-2.
BS 1951, MS 1958 KS St Univ; PhD 1963 IA St Univ.
Fields: 039, 032, 038.
Prev Emp: Prof, MI St Univ 1963.
Pub: Economic and Physical Development at County Level, MI St Univ 1975.
Lang: Ger 2-0-0, Fr 2-0-0.

HOUSE, Verne W., Dept of Agr Econ & Econ, MT St Univ, Bozeman MT 59715; PH 406-994-3511.
Asst Professor, MT St Univ (03) 09.
b. 1937 Wyoming; M-3.
BS 1961, MS 1964 Univ of WY; PhD 1971 WA St Univ.
Fields: 023, 017, 030, 041.
Prev Emp: Res Asst, WA St Univ, Pullman 1967-71; Instr, Univ of WY, Laramie 1962-67.
Pub: Policies Shaping Land Use Choices, Univ of IL 1975; Using Comprehensive Planning, MI St Univ 1975; Equalizing Educational Opportunities, GPAC 66 MT St Univ 1975.
Mbr: WAEA.

HOUSTON, George, 35 Banavie Road, Glasgow UK 9115AW; PH 041-339-8855.
Professor, Univ of Glasgow, Scotland (03) 08, 07, 02.
b. 1920 Scotland; Citz: UK; M-3.
B Litt 1954 Oxford, England; MA 1950 Edinburgh.
Fields: 017, 014, 035, 077.
Prev Emp: Lecturer, Univ of Glasgow, 1951; Sr Lecturer, Univ of Glasgow, 1964.
Pub: The Market for Scottish Cheese, Glasgow, Scotland 1962; The World Meat Economy, Rome, Italy 1965; Agrarian Change in Scottish Highland, UK 1976.
Lang: Fr 2-3-3.
Mbr: AES (UK), Exec Counc Mbr; AHS Exec Coun Mbr; SAOS, Coun Mbr.
Hon: Academic Who's Who; Fisons Award 1965.

HOVEY, Roy M., 3706 W. Nob Hill Blvd, Yakima WA 98902; PH 509-575-5877.
Agr Econ, USDA (15) 07.
b. 1921 North Dakota; M-2.
MS 1958 ND St Univ.
Fields: 015, 019, 084, 112.
Prev Emp: Res Asst, KS St Univ, Manhattan 1958-63; Res Asst, ND St Univ, Fargo 1956-58; Voc Agr Tchr, ND Schools, ND 1949-56.
Pub: Turkey Production, ND St Univ 1959; Packaging Apples and Peas, Washington 1972.
Lang: FR 2-0-0, Ger 2-0-0.

HOW, R. Brian, 310 Warren Hall, Dept of Agr Economics, Cornell Univ, Ithaca NY 14853; PH 607-256-4595.
Professor, Cornell Univ (03) 09, 08.
b. 1918 Canada; M-3.
BS 1939 McGill; PhD 1950 Cornell Univ.
Fields: 014, 012.

HOWE, Charles W., Dept of Economics, Univ of CO, Boulder CO 80309; PH 303-492-8268.
Prof & Chairman, Univ of CO (03) 07, 08, 02.
b. 1931, USA; M-4.
BA 1952 Rice Univ; MA 1956, PhD 1959 Stanford Univ.
Fields: 021, 020, 073, 077.
Prev Emp: Prog. Dir, Resources for the Future, Washington DC 1965-70; Field Staff, Rockefeller Foundation, Kenya, 1964-65; Assoc Prof, Purdue Univ, IN 1958-64.
Pub: Interbasin Transfers of Water, Baltimore 1971; Benefit-Cost Analysis for Water Planning, Washington DC 1971; Quantitative Decision Procedures in Mgmt & Econ, New York 1964.
Lang: Fr 3-3-3, Sp 3-3-3.
Mbr: AEA; AAAS.

HOWE, Keith S., Agr Econ Unit, St. Germans Road, Exeter, Devon, England EX46TL; PH Exeter 73025.
Lctr in Agr Econ, Univ of Exeter (03) 08, 07.
b. 1946 Great Britain; Citz: UK; U.
BS 1968 Univ College of Wales; MP 1972 Wye College, London Univ.
Fields: 085, 088, 011.
Pub: Appraisal of Research in Milk Production Economics, London Univ Thesis 1972; Losses Incurred in Pig, Cattle and Sheep Production in the United Kingdom, CMND 6143-1, HMSO, London 1975; Further Towards a More Dynamic Approach to Farm Planning: A Comment, JAE, Sept 1975.
Lang: Fr 3-0-0.
Mbr: AES (UK); FMA.

HOWELL, Herbert B., 560 East Hall, Dept of Economics, IA St Univ, Ames IA 50011; PH 515-294-3000.
Prof Emeritus, IA St Univ (03) 26, 20, 08.
b. 1911 South Dakota; M-2.
1929-31 SD St College; BS 1934, MS 1945, IA St Univ.
Fields: 012, 013, 022.
Prev Emp: Chf of Party, IA Univ Contract, Lima, Peru 1962-64.
Pub: Better Farm Accounting, IA St Univ Press 1967-72.
Mbr: ASFM&RA, V Pres. 1955.

HOWELL, Hunt, LA-DR-SAD, Rm 3243, Dept of State, Washington DC 20523; PH 202-632-3992.
Economist, AID (24) 18, 21, 07.
b. 1943 Pennsylvania; M-2.
BA 1966 Oberlin College; MA 1970, PhD 1974 Univ of PA.
Fields: 077, 016, 082.
Prev Emp: Econ, USDA-ERS-EDD, Washington DC 1974-76.
Pub: Guatemala Farm Policy Analysis, AID 1975; Machinery Labor Substitutions in Mexico, PhD Thesis, Univ of PA 1974.
Lang: Sp 1-1-1.
Mbr: AEA.

HOWITT, Richard E., Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-1521.
Asst Prof, Univ of CA, Davis (03) 08, 07.
b. 1942 England; Citz: UK; M.
BS 1970 OR St Univ; MS 1972, PhD 1975 Univ of CA.
Fields: 020, 080, 100.
Prev Emp: Res, Univ of CA, Davis 1973-75; Mgmt Cons., Farm Adv Service, Kuliu, Australia 1965-69.
Pub: Pesticide Externality Policy, PhD Thesis, Univ of CA, Davis 1975.
Lang: Fr 3-3-3.
Mbr: AEA; ES.

HOYT, Richard C., 464 2nd Street, Excelsior MN 55331; PH 612-474-5423.
Pres., Analytics, Inc (54)
b. 1939 Minnesota; M-2.
PhD 1972 Univ of MN.

HSIAO, James C., Dept of Econ, Southern CT St College, New Haven CT 06515; PH 203-397-2101.
Assoc Professor, Southern CT St College, (03) 08, 07.
b. 1934 China; Citz: USA ; M-2.
BS 1958 Chung-Hsing Univ; MS 1964 MI St Univ; PhD 1967 Univ of CT.
Fields: 141, 084, 090, 022.
Pub: An Economic Interpretation of Transportation Problem, AJAE, August 1971; The Theory of Share Tenancy Revisited, Jour of Pol Econ, Oct 1975; Working With the Study of Economics & Case/Application, Dushkin Publishing Group, 1976.
Lang: Chinese; Other: Eng 1-1-1.
Mbr: AEA; AIDS; EEA.

HSU, Chun-Yang, c/o 66 Ardgowan Crescent, Agincort, Ontario, Canada M1V 1B3.

HUANG, Wen-Yuan, Dept of Agr Res Econ, Univ of HI, Honolulu HI 96822; PH 808-948-8293.
Asst Econ, Univ of HI (03) 07, 08, 22.
b. 1938 Taiwan; Citz: Rep of China; M-3.
BS 1961 Natl Taiwan Univ; MS 1969, MS 1970, PhD 1974 Univ of HI.
Fields: 021, 084, 011, 081.
Prev Emp: Res Assoc, Univ of HI, Honolulu, 1975; Asst Agr Eng, Univ of HI 1974; Jr Res, Univ of HI, Honolulu 1972.
Pub: Optimizing Water Utilization Through Multiple Cropping Scheduling, ASAE Transaction Vol 18, No. 2 1975; A Dynamic Model for Water and Related Land Resource Planning, Water Res Bull. 1975; Optimal Use of a Hawaii Agricultural Reservoir System, PhD Dissertation 1974.
Lang: Chinese; Other: Jap 2-2-2.
Mbr: ASAE, Computer Appl Committee.

HUANG, Yukon, Dept of Economics, Univ of VA, Charlottesville VA 22903; PH 804-924-3178.
Assoc Professor, Univ of VA (03) 08, 07, 22.
b. 1944 China; Citz: USA; M-1.
BA 1966 Yale Univ; MA, PhD 1971 Princeton Univ.
Fields: 070, 017, 022. 011.
Prev Emp: Vstg Lectr, Univ of Dar es Salaam, Tanzania 1972-74; Vstg Scholar Univ of Malaya, Malaysia, 1969.
Pub: Distribution of Tax Burden, Economic Journal 1976; Tenancy Patterns, Econ Devl & Cultural Change 1975; Behavior of Subsistence Farmers, Jour of Devl Studies 1974.
Mbr: AEA.

HUBBARD, John W., Agr Econ Dept, Clemson Univ, Clemson SC 29631; PH 803-656-3223.
Professor, Clemson Univ (03) 07, 08.
b. 1920 Kentucky; M-2.
BS 1944 Berea College; MS 1958, PhD 1962 Univ of KY.
Fields: 011, 012, 017, 024.
Prev Emp: Partner, Family Farm, Albany KY 1953-55; Co Supr, Farmers Home Adm, Sikeston & Benton MO 1950-52; Instr, Veterans Farm Training, Senath MO 1946-49.
Pub: Projections of Farm Numbers and Sizes in South Carolina Through 1995, SC Exp Sta Bull. 1046, 1973; Beef Cattle Production: Farm Resources, Farm Enterprises & Farmer Attitudes Toward Beef, SC Exp Sta Bull. 566, 1973; Response of Been Production in the South to Changes in Farm-Level Beef Prices, SC Exp Sta Bull. 579, 1974.
Lang: Ger 3-0-0, Sp 3-0-0.
Mbr: SAEA.
Hon: Phi Kappa Phi; Gamma Sigma Delta.

HUDDLESTON, Harold F., 3507 Tyler Street, Falls Church VA 22041.

HUDDLESTON, Norman R., Coop Ext Serv, Auburn Univ, Auburn AL 36830; PH 205-826-4962.
Ext Econ, AL Coop Ext Service (03) 09.
b. 1930 Tennessee; M-2.
BS 1951 TN Tech; MS 1960 Univ of TN; PhD 1968 MS St Univ.
Fields: 014, 155.
Prev Emp: Asst Co Agent, Univ of TN 1962-63; Asst Co Agt, Univ of FL, Marianna FL 1961-62.
Pub: Considerations for Organizing and Operating Limited Resource Cooperatives, Auburn Univ 1970; Productional Programs for Limited Resource Farmers, Auburn Univ 1970; Attitude and Knowledge of Farmers and Urban Lenders Concerning Farmer Cooperatives in Mississippi, MS St Univ 1968.
Mbr: RSS; SEA.

HUDSON, Andrew C., 304 U.S. Postoffice & Courts Bldg, Little Rock AR 72201; PH 501-378-5447.
Agr Econ, ERS-USDA (16) 15, 06.
b. 1933 Texas; M-7.
BS 1954, MS 1957 TX A&M; PhD 1967 LA St Univ.
Fields: 021.
Prev Emp: Instr, LSU, Baton Rouge, LA 1962-66; Asst Agr Econ, Auburn Univ, AL 1958-61; Asst Prof, TX A&M, College Station TX 1957-58.
Lang: Fr 2-0-3, Ger 2-0-3.
Mbr: SAEA.

HUDSON, Jack P., Dept of Agr Econ, Univ of Manitoba, Winnipeg, Manitoba, Canada R3T 2N2; PH 204-474-9713.
Assoc Professor, Univ of Manitoba (03) 08, 09.
b. 1913 Canada; Citz: Canada; W-1.
BSA 1949, Univ of Manitoba; 1952-53 Univ of Saskatchewan; 1958-59 Univ of Manitoba.
Fields: 012, 013, 011.
Prev Emp: Field Supr, Manitoba Pool Elevators, Virven Manitoba 1955-56; Econ, Canada Agr, Winnipeg 1949-54.
Pub: Principles and Practices of Commercial Farming, Univ of Manitoba, Canada 1974.
Mbr: CAES; AIC; Manitoba Inst of Agr, Pres. INPA Brd 1965-66.
Hon: Res Canada Farm Mgmt Comm 1973-75.

HUDSON, James F., Dept of Agr Econ, LA St Univ, University Station, Baton Rouge LA 70803; PH 504-388-3284.
Professor, LA St Univ (03) 07, 08.
b. 1920 Louisiana; M-5.
BS 1942, MS 1975 LA St Univ; PhD 1959 IA St Univ.
Fields: 014, 025, 017.
Prev Emp: Asst-Assoc Prof, LSU, Baton Rouge, 1948-64; Field Rep & Res Assoc, LSU & USDA Cotton Div, Baton Rouge 1943-48.
Pub: Pricing Cottonseed for Crushing, Bull. No. 523, Baton Rouge LA 1959; Number, Size and Location of Processing Facilities for More Efficient Marketing of LA Cotton, An Economic Analysis of Cotile Recreation Area, Rpt No 469, Baton Rouge, LA 1974.
Mbr: SAEA, LA-AEA; LA-CAA.
Hon: Who's Who in Am; Am Men & Women of Science; Directory of Intl Biography; Gamma Sigma Delta; Alpha Zeta; AAEA Award for published Research 1960.

HUETH, Darrell L., Dept of Resource Econ, Univ of Rhode Island, Kingston RI 02881; PH 401-792-2472.
Assoc Prof & Dept Chairman, Univ of RI (03) 02, 07, 08.
b. 1937 USA; M.
BS 1959, MS 1969 MT St Univ; PhD 1973 Univ of CA, Berkeley.
Fields: 020, 024, 080, 083.
Prev Emp: Asst Prof, URI, Kingston, 1974-75; Instr, URI, Kingston 1973-74.
Mbr: AEA.

HUFF, Harry B., Econ Branch, Canada Dept of Agr, Carling Bldg, Ottawa, Ontario, Canada K1A0C5; PH 613-994-5571.
Econ, Canada Dept of Agr (26) 07, 06, 18.
b. 1942 Canada; Citz: Canada; M-3.
BSA 1965 Univ of Guelph; MSC 1967, PhD 1969 MI St Univ.
Fields: 014, 017, 101, 112.
Prev Emp: Res Dir, Beef Mktg Inq, Ottawa Canada 1975-76; Prog Coord, Can Dept of Agr, Ottawa, Canada 1972-75; Asst Prof, Univ of Guelph, Guelph, Canada 1969-72.
Pub: Canada's Future Role in the World Wheat Market, CJAE 1969; Recursive Spatial Equilibrium Model of the North American Beef Ind, Proceedings CJAE 1974; Research Program for Beef Marketing, Canada Dept of Agr 1970.
Lang: Fr 3-3-3.
Mbr: CAES.

HUFFMAN, Donald C., Dept of Agr Econ & Agribusiness, LA St Univ, Baton Rouge LA 70803; PH 504-388-3283.
Assoc Professor, LA St Univ (03) 07, 08.
b. 1934 Missouri; M-2.
BS 1959, MS 1960 Univ of MO; PhD 1963 OH St Univ; 1958 Univ of IL.
Fields: 012, 011.
Prev Emp: Instr, OH St Univ, 1960-63; Res Asst, Univ of MO, 1959-60.
Pub: Programmed Budgeting - A Tool for Complete Farm Planning, LA St Univ 1965.
Lang: Sp 3-0-0.
Mbr: SAEA; LA-TA; LA SFM&RA.
Hon: Who's Who in Am; Am Men & Women of Science.

HUFFMAN, Wallace E., Dept of Economics, IA St Univ, Ames IA 50011; PH 515-294-7580.
Asst Prof, IA St Univ (03) 07, 08.
b. 1943 Iowa; M.
BS 1966 IA St Univ; MA 1971, PhD 1972, Univ of Chicago.
Fields: 120, 070, 081, 062.
Prev Emp: Asst Prof, OK St Univ 1972-74; Lecturer, Univ of IL-Chicago Circle 1970-72.
Pub: Allocative Efficiency: The Role of Human Capital, Quarterly, Jour Of Econ, 1976; Decision Making: The Role of Education, AJAE 1974; The Contribution of Education and Extension to Differential Ratesof Change, PhD Thesis 1972.
Mbr: AEA.
Hon: Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta.

HUGHES, Dean W., Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-6822.
Grad Res Asst, TX A&M Univ (03) 23, 07.
b. 1950 New York; M.
BA 1972 Princeton Univ; MS 1975 Purdue Univ.
Fields: 131, 141.
Prev Emp: Res Econ, Rutgers Univ, New Brunswick NJ 1974; Investment Trainee, CN Berents & Co, Princeton NJ 1972-73.
Pub: Net Investment in Physical Assets in the Farm Sector: A Case Study for Tractors, MS Thesis 1975; A Computerized Model for Predicting Cash Flow for the Easement Purchase Recommendation of the Blueprint Comm on the future of NJ Agr England, Undergraduate Thesis 1972.
Hon: Graduated Magna Cum Laude-Princeton Univ; Fellowship to TX A&M.

HUGHES, Donald David, Div Resource Mgmt, College of Agr-Forestry, Morgantown WV 26506; PH 304-293-3231.
Grad Res Asst, WV Univ (03) 23, 07.
b. 1952 West Virginia; U.
BSA 1974 College of Agr WV Univ.
Fields: 011, 012.
Prev Emp: Enumerator, WV Univ, Morgantown WV, Summer 1974.
Hon: BS Cum Laude; Alpha Zeta.

HUGHES, Harlan G., 308-A Agr Hall, Dept of Agr Econ, Univ of WI, Madison WI 53706; PH 608-262-3653.
Asst Prof, Univ of WI (03) 09, 07, 08.
b. 1939 Nebraska; M-2.
BS 1962, MS 1964 Unov of NE; PhD 1971 Univ of MO.
Fields: 011, 012, 013.
Prev Emp: Res Asst, Univ of MO, Columbia 1967-71; Data Systems Off, USAF, Dayton OH 1964-67.
Pub: Costs of Producing Sugarcane in Brazil, Univ of MO, PhD Thesis, 1971; Optimum Farm Organization in Southeastern Nebraska, MS Thesis, Univ of NE 1964.
Lang: Por 2-2-3.
Mbr: SAEA; WEA.

HUGHES, Jay M., Forest Econ & Mktg Res, Forest Service - USDA, Washington DC 20250; PH 202-447-2747.
Dir, For Econ & Mkt Res - USDA (23) 06, 07, 18.
b. 1930 Colorado; M-2.
BA 1952 Univ of CO; MF 1958 CO St Univ; PhD 1964 MI St Univ.
Fields: 023, 085, 026.
Prev Emp: Dir, Coop St Res Serv, USDA, Washington DC 1971-72; Prof, Univ of MN, St Paul, 1966-71; Proj Ldr, Forest Serv, USDA, Portland OR 1962-66.
Lang: Fr 3-3-3.
Mbr: AEA; SAF, Chrm of For Sci Brd 1975-76.

HUGO, Cornelius, Dept of Economics, KS St Univ, Manhattan KS 66502; PH 913-532-6714.
Grad Res Asst, KS St Univ (03) 23, 07, 08.
b. 1948 Venezuela; Citz: Venezuela; M.
BS 1973, MAE 1974 KS St Univ.
Fields: 073, 094.
Prev Emp: Agr Asst, Protinal (Venezuela) Valencia 1968-69.
Pub: Rice Mill Feasibility Anal, KS Univ 1975.
Lang: Spanish; Other: Eng 1-1-1, Ger 1-2-1.
Hon: Graduated Cum Laude.

HUH, Shin H., Dept of Agr & Applied Econ, Univ of MN, St Paul MN 55108; PH 612-373-1093.
Grad Student, Univ of MN (03) 23, 07.
b. 1942 Korea; Citz: Korea; M-2.
BS 1966 Seoul Natl Univ; MA 1974 W. IL Univ.
Fields: 014, 070, 017.
Prev Emp: Res, Natl Agr Econ Res Inst, Seoul, Korea 1968- --.
Lang: Korean; Other: Chinese 2-2-0.

HULSE, Fred E., USDA-FCS, Washington DC 20250; PH 202-447-8893.
Agr Econ, USDA-FCS, (19) 07, 22.
b. 1917 Connecticut; M.
BS 1950, MS 1951 Univ of MD.
Fields: 014.

HUMBERD, D.R. Dept of Agr Economics, PO Box 107, Univ of Tennessee, Knoxville TN 37901.

HUMMER, Paul D., Dept of Agr Econ, Agr Hall, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Assoc Professor, OK St Univ (03) 07, 08.
b. 1936 Pennsylvania; M-4.
BS 1958, PhD 1970 PA St Univ.
Fields: 014, 016, 083, 141.

Prev Emp: Res Asst, PA St Univ 1965-69; Assoc Co Ext Agt, PA St Univ, Williamsport PA 1960-64; Asst Plant Mgr, GLF, Waterville NY 1959.
Pub: A Computerized Futures Market Simulation System, OK St Univ 1975; Ownership and Retirement Potentials of Equity Capital in Farmer Cooperative, OK St Univ 1974; Seasonal Relationships of Beef Cattle Prices in Oklahoma, OK St Univ 1972.
Lang: Sp 3-0-0, Fr 3-0-0.
Mbr: SAEA, Jour Ed Brd 1973-76.
Hon: Am Men & Women of Science; Alpha Zeta; Gamma Sigma Delta.

HUMPHREY, David, Jr., 7203 Sungate, Austin TX 78731.

HUMPHREY, Michael L., WV Univ, Dept of Res Mgmt, Morgantown WV 26506; PH 304-293-3231.
Grad Student, WV Univ (03) 07, 23.
b. 1945; M.
BA 1968, BS 1974 WV Univ.
Fields: 014, 113.
Lang: Ger 2-2-2, Rus 2-1-1.

HUMPHREYS, Charles P., Tufts Univ, Medford MA 02155; PH 617-628-5000.
Econ Researcher, Fletcher School of Law & Diplomacy (03) 07, 14, 19.
b. 1948; U.
BA 1970 MSU; MA 1972 Fletcher of Law & Diplomacy; PhD 1975 Tufts Univ.
Fields:073, 011, 081, 110.
Prev Emp: Tech Dir, ADA Res Project, Inst of Devl Res, Addis Ababa Univ, Addis Ababa, Ethiopia 1973-74.
Pub: An Empirical Investigation of Factors Affecting Peasant Crop Production, Dissertation, Fletcher School, Tufts Univ 1975; Farm Characteristics of the Ada Wereda, Inst of Devl Res, Addis Ababa Univ 1974.
Lang: Fr 2-3-2, Sp 1-0-0.
Mbr: AEA; ASA.
Hon: Phi Beta Kappa.

HUNT, Robert D., 1818 H Street NW, Wash. DC 20433; PH 202-393-6360.
Economist, World Bank (66) 15, 07, 22.
b. 1941; Citz: Ireland; M-1.
BS 1965, MS 1966 Univ College, Dublin, Ireland; MA 1971, PhD 1972 U. of MN.
Fields: 016, 014, 094, 013.
Prev Emp: Res Asst, Dept of Econ Univ of MN, St Paul 1966-72; Res Asst, Dept of Agr Econ, Univ of College, Dublin 1965-66.
Mbr: AEA.

HURD, Lorne W.S., PO Box 4027, Postal Station "A", Toronto, Ontario, Canada M5W 1K2; PH 416-920-2700.
General Mgr (54) 05, 11, 18.
b. 1925; Citz: Canada; M-2.
BA 1949, BS 1949 Univ of Saskatchewan.
Fields: 014, 017, 019, 095.
Prev Emp: Exec Asst Canadian Fed of Agr, Ottawa, 1963-66; Sr. Editor, The Country Guide, Winnipeg, 1957-63; Exec Sec., The Agr Inst of Canada, Ottawa, 1953-56.
Pub: Experience and Effectiveness of Dairy Bargaining in Canada, Univ of WI 1968; Government Dairy Programs-How Canada Does It, Univ of WI 1975; Rising Costs of Milk Transportation, Intl Dairy Federation, 1975.
Lang: Fr 2-0-0.
Mbr: CAES, President 1962-63; Ont. Inst of Professional Agrologists.
Hon: Who's Who in America.

HURT, Berryman R., Route # 1, Box 46, Dunlap IL 61525.

HURT, Verner G., PO Box 5187, MS St Univ, Mississippi State MS 39762; PH 601-325-2750.
Dept Head, MS St Univ (03) 02, 07, 08.
b. 1929; M-4.
BS 1950, MS 1955 MS St Univ; PhD 1961 OK St Univ.
Fields: 011, 014, 082, 081.
Prev Emp: Asst Dept Head, MS St Univ 1971-72; Prof.MS St Univ 1962-71; Assoc Prof, MS St Univ 1960-62.
Pub: An Economic Analysis of the Demand for Fluid Milk Products in Mississippi, 1962-68, MS Agr & For Exp Sta 1970; Status & Prospects for American Agriculture, MS St Univ 1971; The Role of Price in Producing & Marketing Broilers, MS Agr & For Exp Sta 1975.
Mbr: SAEA Past-President 1973-74; MS Agr Econ Assoc Adv Board Mbr.
Hon: Post Doctoral, Univ of MO; NSF Inst on Math of Optimization 1965.

HUSHAK, Leroy J., Dept of Agr Econ & Rur Soc, OH St Univ, 2120 Fyffe Road, Columbus OH 43210; PH 614-422-6731.
Assoc Prof, OH St Univ (03) 07, 08.
b. 1939; M-1.
BS 1961 IA St Univ; MA 1968, PhD 1968 Univ of Chicago.
Fields: 038, 041.
Pub: The Urban Demand for Urban-Rural Fringe Land, Land Economics 1975; A Welfare Analysis of the Voluntary Corn Diversion Program (1961 to 1966), 1971; Welfare Analysis of the Voluntary Corn Diversion Program: Supplementary Equations and Projections, AJAE 1974.

HUSSEY, Gorham W., 955 Westside Avenue, Jersey City NJ 07306.

HUTCHINSON, Charles R., 214 W. Alamos Avenue #203, Clovis CA 93612.

HUTCHISON, John E., Route 1, Box 245, Cordova MD 21625; PH 301-364-5519.
Farmer, Self-employed (75) 21, 20, 11.
b. 1937; M-2.
BS 1962, MS 1965, PhD 1972 Univ of MD.
Fields: 018, 012, 071, 016.
Prev Emp: Agr Econ, USDA-ERS, Washington DC 1965-74; Grad Asst, Univ of MD, Coll Park MD 1962-65.
Pub: An Analysis of Agricultural Production in Colombia with Projections for 1985, PhD Dissertation, Univ of MD 1972; Argentina: Growth Potential of the Grain and Livestock Sectors, USDA-ERS 1972.
Lang: Ger 2-2-2, Sp 3-3-3, Ita 3-3-3.

HUTSON, Arthur L., Room 113 Courthouse, Duncan OK 73533; PH 405-255-0510.
Area Farm Mgmt Spec, OK St Univ (03) 09.
b. 1948; M.
BS 1970, MS 1973 OK St Univ.
Fields: 012, 013, 011.

HUTTON, Linda J., Agr Div, Washington DC 20233; PH 301-763-2508.
Statistician, U.S. Bureau of the Census, (11) 14.
b. 1951; M.
BS 1973 Univ of Delaware.
Fields: 151, 081, 152, 012.

HUTTON, Robert F., 229-C Agr Adm. Bldg, PA St Univ, University Park PA 16802; PH 814-865-5419.
Asst Dean, PA St Univ (03) 02, 07, 14.
b. 1921; M-3.
BS 1947, MS 1948 Univ of KY; MA 1951, PhD 1952 Harvard Univ.
Fields: 012, 084, 083.
Prev Emp: Agr Econ, USDA, Washington DC 1968; Agr Econ, TVA, Knoxville TN 1951-54.
Lang: Fr 3-0-0, Sp 3-0-0.
Hon: Am Men & Women of Science. Mbr: NAEC.

HUY, Pham Quang, 192-4E-11 Trieu Da, Cho Lon, Vietnam.

HYER, Edgar A., Agr Mgmt Department, CA Polytechnic St Univ, San Luis Obispo CA 93407; PH 805-546-2104.
Prof & Head of Dept, Agr Mgmt Dept, CA Poly St Univ (03) 02, 08, 20.
b. 1916; M-2.
BS 1939, MS 1942 UT St Univ; PhD 1948 Cornell Univ.
Fields: 012, 014, 062.
Prev Emp: Asst Prof, OR St Univ, Corvallis 1948-51.
Lang: Sp 3-0-0, Ger 3-0-0.
Mbr: WAEA; ASFM&RA; CA-SFM&RA.
Hon: Phi Kappa Phi.

HYSLOP, John D., Amman (ID) Dept of State, Washington DC 20520.
Agr Econ, USDA-ERS (16) 18, 19, 22.
b. 1934; M-3.
BA 1955 Macalester; MS 1962, PhD 1967, Univ of MN.
Fields: 073, 012, 017, 014.
Prev Emp: Asst Prof, Univ of MN, St Paul 1969-70; Res Assoc Univ of MN, Tunisia.
Pub: Price-Quality Relationships in Spring Wheat, MN Agr Exp Sta 1970.
Lang: Fr 2-3-2.
Mbr: AEA; IAAE; SID.
Hon: Gamma Sigma Delta.

HYSON, Charles D., 7407 Honeywell Lane, Bethesda MD 20014; PH 301-016-4582.
(75) 18, 17, 21.
b. 1915; M-3.
AB 1937 St Johns College; MS 1939 Univ of MD; MA 1942, PhD 1943 Harvard Univ.
Fields: 111, 117, 131, 042.
Prev Emp: Econ Adm, AID, Washington DC 1960-74; Dir of Western Europe & European Div (ICA) Washington DC 1957-60; Dir ICA, MS to Portugal 1955-57.
Pub: Investment in the LDCs: The Unresolved Debate, Columbia Jour of World Bus 1970; Impact of Foreign Aid on U.S. Exports, Harvard Bus. Review 1968; The Economic Law of Market Areas, Quarterly Jour of Economics 1950.
Lang: Fr 2-2-2, Por 2-2-2.
Mbr: AEA; RES; AAPSS.
Hon: Supr Award 1971; Spec Comm & Merit Serv Award 1955; U.S. Govt Decorated Order of Merit, Rank of Commander, Portugal, 1967.

ICARDI, Dennis N., 3708 Mt Diablo Blvd, St 220, Lafayette CA 94549; PH 415-284-9171.
Sec-Mgr-Adm, CA Canning Peach Assoc (52) 05, 17, 11.
b. 1947 California; M-2.
BS 1968 Univ of CA, Davis.
Fields: 091, 094, 101, 095.
Prev Emp: Assoc Dir-Alumni Affairs, Univ of CA, Davis (5 Years).
Mbr: NSAC; NCFS; Agr Ldrship Prog-Class V; Steering Committee Member.

IHNEN, Loren A., Dept of Econ & Business, 220-H Patterson Hall, NC St Univ, Raleigh NC 27607; PH 919-737-2609.
Professor, NC St Univ (03) 07, 08.
b. 1931 Illinois; M-2.
BS 1953, MS 1954 Univ of IL; PhD 1960 IA St Univ.
Fields: 040, 011, 105, 120.
Prev Emp: Res Assoc, IA St Univ, 1958-60.
Pub: Cost and Returns for Two Years of Postsecondary, Technical Schooling, Jour of Political Economy 1967; An Analysis of Labor Use for Alternative Flue-Cured Tobacco Harvesting-Curing Systems, NC St Univ Econ Res Ept 16, 1971; Full-Time Schooling in Life Cycle Models of Human Capital Accumulation, Jour of Pol Economy 1975.
Mbr: AEA; SAEA; SEA.
Hon: Am Men & Women of Science; Phi Kappa Phi.

IK, Mohapeloa M., Ministry of Agr, Box 24, Maseru, Lesotho, South Africa.

IKERD, John E., PO Box 5576, Dept of Econ & Business, NC St Univ, Raleigh NC 27607; PH 919-737-2602.
Ext Assoc Professor, NC St Univ (03) 09, 08, 07.
b. 1939 Missouri; M-2.
BS 1961, MS 1967, PhD 1970 Univ of MO.
Fields: 014, 050, 141, 018.
Prev Emp: Merchandising Mgmt, Wilson & Co Meat Packers, Chicago IL 1962-65.
Pub: Price Signal Refraction, AJAE 1968; Computer Pricing of Hogs, AJAE 1970; Spatial Price Differences, SJAE 1973.
Mbr: SAEA.
Hon: Gamma Sigma Delta.

ILGAZ, Ozbay, Econ Res Organization, Mins of Agriculture, Yenisehin, Ankara, Turkey.

INFANGER, Craig L., Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506; PH 606-257-1871.
Asst Ext Professor, Univ of KY (03) 09, 08, 07.
b. 1947 Idaho; M-2.
BS 1969 Univ of UT; PhD 1974 WA St Univ.
Fields: 030, 038, 026.
Prev Emp: Res Assoc, WA St Univ, Pullman 1973.
Pub: Income Redistribution & Public Irrigation, AJAE 1974; Farm Labor Situation in Washington, WA Agr Exp Sta 1971.
Mbr: WAEA; SAEA.

INGERSENT, Kenneth A., Dept of Econ, Univ of Nottingham, Univ Park, Nottingham England NG7 2RD.
Lecturer, Univ of Nottingham (03) 08, 07.
b. 1921 UK; Citz: UK; M-4.
BS 1949 Aberdeen, Dip Agr Econ 1950 Oxford; MS 1951 Univ of MN.
Fields: 016, 017, 073.
Prev Emp: Adv., FAO, Barbados 1968-70.
Pub: Econ Anal of Agr, London 1976.
Mbr: AES; IAAE.

INGERSOLL, David L., 218 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-6550.
Res Asst, Cornell Univ (03) 07, 08, 23.
b. 1945 Kansas; M-2.
BS 1967 Ft Hays KS St Coll; MS 1975 U of AZ.
Fields: 021, 033, 039.
Prev Emp: Res Asst, Univ of AZ, 1972-75; Cartographic Office, U.S. Air Force, Riverside CA 1967-72.
Pub: An Evaluation of Title III Water Resources Planning Grants to States, U.S. Water Resources Council, Washington DC 1973.
Mbr: AWRA.

IRWIN, George D., 490 L'Enfant Plaza SW, Washington DC 20578; PH 202-755-2134.
Dir of Res., Farm Credit Adm (32) 07, 06, 17.
b. 1935 Illinois; M-3.
BS 1957 Univ of IL; MS 1959 IA St Coll; PhD 1961 Univ of IL.
Fields: 013, 094, 101, 011.
Prev Emp: Res Prog Ldr, Econ Res SUC-USDA, Raleigh NC 1972-75; Agr Econ, Econ Res SUC-USDA, Lansing MI 1961-72; Agr Stat, Stat Rep SUC-USDA, Springfield IL 1957.
Pub: Energy Government Policies Structure of Food & Fiber Sector, AJAE 1975; Flow of Funds Social Accounts for the Farm Sector, AJAE 1971; Comparative Review of Firm Growth Models, Agr Econ Res 1968.
Lang: Ger 3-0-0, Fr 3-0-0.
Mbr: AEA; SAEA.
Hon: AAEA Award for Pub Res 1968; Sigma Chi; Bronze Tablet.

ISAACSON, Richard K., Box 355 Nevada IA 50201; PH 515-382-6892.
Farm Mgr, Hertz Farm Mgmt (51) 20.
b. 1950 Iowa; M.
BS 1972, MS 1975 IA St Univ.
Fields: 012, 014.
Lang: Fr 2-2-2.

JACKSON, Anthony A., St Salvator's Coll, The University, St Andrews, Fife, Scotland; PH St. Andrews 4112.
Lecturer, St. Andrews Univ (03) 08, 07, 27.
b. 1946 UK; Citz: UK; M-3.
MS 1968 Reading; MA 1971 Cambridge, UK.
Fields: 017, 063, 064, 159.
Prev Emp: Fellow, St Andrews Univ, Scotland 1971-72; Econ, Govt of Malawi, Central Africa 1968-71.
Pub: Food and Nutrition Programme for Malawi, London 1974.
Lang: Ger 2-3-2.
Mbr: RES; AES-UK.

JACKSON, Geoffrey H., Dept of Env, Housing & Comm Devl, PO Box 1890, Canberra ACT 2601 Australia; PH 062-45-2155.
Director, Dept of Env, Housing & Comm Devl, Canberra, Australia (26) 15, 06, 18.
b. 1946 Australia; Citz: Australia; U.
BAE 1968 Univ of New England; MS 1972, PhD 1973 Cornell Univ.
Fields: 036, 136, 017, 022.
Prev Emp: Proj Officer, Bureau of Agr Econ, Canberra, Australia 1974-75.
Lang: Fr 3-0-0.
Hon: AAEA (MS) Award 1972; Phi Kappa Phi.

JACOB, Irvin H., 4171 SE Juan Way, Albany OR 97321; PH 503-926-1343.
Seed Cons., Ferry Morseseed Co (51) 11, 22, 07.
b. 1946 Washington; M-2.
BA 1970 Univ of OR; MA 1974 OR St Univ.
Fields: 094, 093, 014, 012.
Prev Emp: Cons. Agr Econ, Tom Miles Engineer, OR, 1974; Field Rep, Normarc, Albany OR 1972-74.
Lang: Ita 1-2-1.
Mbr: OR Natl Guard Assn.

JACOBS, James J., Division of Agr Econ, Univ of WY, Laramie WY 82071; PH 307-766-5246.
Assoc Professor, Univ of WY (03) 07, 08, 09.
b. 1943 Minnesota; M-2.
1963-65 EFSJC; BS 1965 ND St Univ; MS 1968 Univ of AZ; PhD 1972 IA St Univ.
Fields: 026, 021, 011, 027.
Prev Emp: Agr Econ, USDA-ERS-NRED, Ithaca NY 1974-75; Res Assoc, Cornell Univ, 1971-74; Res Asst, IA St Univ, 1967-71.
Pub: An Economic Analysis of Agricultural Land Use Practices to Control Water Quality, AJAE 1974; Cost of Altering the Quality of Water in Cauga Lake by Reducing Phosphorus Losses from a Rural Watershed, JNAEC 1975; Controlling Runoff from Dairy Barnyards in New York State; A Cost Analysis, AE Res 75-11, Dept of Agr, Cornell Univ 1975.
Lang: Sp 3-0-0.
Mbr: NAEC; WAEA; SCSA.
Hon: Phi Kappa Phi; Alpha Zeta.

JACOBSON, Robert E., OH St Univ, 2120 Fyffe Road, Columbus OH; PH 614-422-8014.
Professor, OH St Univ (03) 09, 07, 08.
b. 1931 Illinois; M.
BS 1953, MS 1956, PhD 1960 Univ of IL.
Fields: 014, 017, 102, 015.
Prev Emp: Econ Ext SUC, USDA, Washington DC 1960-64; Ext Econ, Univ of CA, Davis, 1975-76; Ext Spec, Univ of IL, Urbana IL 1956-60.
Pub: Resolving Milk Pooling Problems, Univ of WI 1973; Federal Milk Markets in Ohio, OH St Univ 1970; Bulk Milk Hauling Rates & Costs, OH St Univ 1969.

JAEGER, Martin J., 1200 Bay Street, Toronto, Ontario, Canada M2A 1B6; PH 416-965-1064.
Sr Econ, Econ Branch, Ontario Mins of Agr & Food (40) 07, 18.
b. 1938 Canada; Citz: Canada; M-2.
BA 1960, MA 1962 Univ of Manitoba; MA 1963 Stanford Univ.
Fields: 017, 014.
Prev Emp: Asst Prof, Econ Dept, Mem Univ, St Johns, Newfoundland 1969-70; Lecturer, Univ of Winnipeg, 1966-67.
Pub: Soybean Industry in Ontario, Toronto, Canada 1972.
Mbr: CAES, Councillor 1974-76, Award Chrmn 1975-76.

JAENKE, Edwin A., 1735 Eye Street NW, Washington DC 20006; PH 202-452-8018.
President, E.A. Jaenke & Assoc, Inc., (54) 22, 10, 07.
b. 1930 Missouri; M-4.
AA 1950 Blackburn College; BS 1952 Univ of IL; MS 1957 Univ of MO.
Fields: 010, 017, 014, 013.
Prev Emp: Gov, Farm Credit Adm, Washington DC 1969-74; Assoc Adm & V. Pres, Comm. Credit Corp, Washington DC 1961-68; Agr Adv & Leg Asst, S. Symington, U.S. Senate, Washington DC 1957-61.
Pub: Alternative Government Structures for Food Policy, Congress Hearing & Congress Record 1975.
Hon: Who's Who in Am; Coop Statemanship Award 1973; Arthur S. Fleming Award 1967; USDA Dist Serv Award 1966.

JAHNKE, Donald R., U.S. Bureau of Census, Washington DC 20250; PH 301-763-7280.
Supr Stat., U.S. Bureau of Census (11) 14.
b. 1934 Wisconsin; U.
BS 1960, MS 1962 Univ of WI.
Fields: 080.
Prev Emp: Res Asst, Univ of WI, Madison, 1961-62; Stat, Agr, WI Dept of Agr, Madison, 1960-61.

JAKARIN, Hongsakul, 212 Sukhumvit Road, Samudprakarn Province, Thailand.

JAKSCH, John A., Corvallis Env Res Lab, 200 SW 35th Street, Corvallis OR 97330; PH 503-752-4211.
Op Res Anal, U.S. Env Protection Agency, (31) 07, 18, 19.
b. 1944 Hawaii; M-2.
BS 1966 So. OR College; MS 1969, PhD 1972 OR St Univ.
Fields: 026, 081, 084, 153.
Prev Emp: Oper Res Anal, U.S. Env Prot. Agency, Washington DC 1972-75.
Pub: Outpatient Med Costs Related to Air Pollution in Portland OR, EPA Monograph 1974; Economic and Legal Aspects of Waste Oil Policy, Repr to Congress 1974; Waste Oil Industry: Discussion of Some Issues to Consider in Performing an Economic Analysis, Waste Oil Recovery & Reuse 1974.
Mbr: AEA; APCA.
Hon: Certificate of Award-EPA.

JAMES, Milton, PO Box 542, Mahwah NJ 07430.
Asst Professor, Ramapo College, New Jersey (03) 08, 07.
b. 1937 Guyana; Citz: USA; M-5.
BS 1964 Univ of London; Cert of Agr Mktg 1967 OH St Univ; MBA 1972, St Johns Univ of Jamaica NY.
Fields: 090, 110, 070, 014.
Prev Emp: Instr, Baruch College CUNY, NY City, 1972; Acct Exec (Mktg) JE Seagrams & Sons, NY City 1971; Mktg Off, Guyana Mktg Corp, Guyana, 1965.
Pub: Agricultural Marketing-Its Contribution to a Program of Diversification, Univ of West Indies 1966.
Mbr: AMA; AEA; IAAE.

JAMES, Sydney C., Dept of Econ, IA St Univ, Ames IA 50011; PH 515-294-5436.
Professor, IA St Univ (03) 08, 07, 02.
b. 1928 Utah; M-5.
BS 1953, MS 1957 UT St Univ; PhD 1961 OR St Univ.
Fields: 012, 011.
Prev Emp: Asst Prof, NM St Univ, 1961-63.
Pub: Farm Accounting and Business Anal., IA St Univ Press 1975; Midwest Farm Planning Manual, IS St Univ Press 1973.
Mbr: ASFM&RA.

JAMISON, John A., 2326 Webster Street, Palo Alto CA 94301; PH 415-321-1757.
Agr Econ, Self-Employed (75) 07, 18, 15.
b. 1924 California; M-2.
BA 1947, MBA 1949 Stanford Univ; PhD 1962 Univ of CA, Berkeley.
Fields: 014, 017, 102, 101.
Prev Emp: Assoc Prof, Food Res Inst, Stanford Univ 1966-71; Res Assoc, Food Res Inst, Stanford Univ 1962-66; Dist. Mgr. Blue Anchor, Inc., Sacramento CA 1954-57.
Pub: The California Fresh Deciduous Fruit Industry: Structure, Organization, Practices, Univ of CA, Berkeley 1964; Marketing Orders, Cartels and Cling Peaches, Food Res Inst Studies 1966; Marketing Orders and Public Policy for the Fruit and Vegetable Industries, Food Res Inst Studies 1972.
Mbr: WAEA.
Hon: Am Men & Women of Science.

JAMJANYA, Wiraj, Div of Agr Econ, Mins of Agr & Cooperatives, Bangkok, Thailand.

JANSEN, Edmund F., Jr. 222 James Hall, INER, Univ of NH, Durham NY 03824; PH 603-862-1020.
Assoc Prof, Univ of NH (03) 08, 07, 23.
b. 1933 Illinois; M-4.
BS 1960 Univ of IL; MS 1964, PhD 1966 NC St Univ.
Fileds: 031, 026, 012, 073.
Prev Emp: Vstg Asst Prof, NC St Univ, Lima, Peru, 1965-68; Res Instr, NC St Univ, Raleigh NC 1963-65.
Pub: The Impact of Extending Unemployment Insurance to Agriculture in New Hampshire, NH Agr Exp Sta 1973; Econ of a Small Town Recycling System, NH Agr Exp Sta 1975; Economic Effects of Pawtuckaway State Park, NH Agr Exp Sta, 1971.
Lang: Sp 1-2-1.
Mbr: NAEC; AEA; CDS.

JANSMA, J. Dean, Dept of Agr Econ & Rur Soc, 8 Weaver Bldg, PA St Univ, University Park PA 16802; PH 814-865-9541.
Prof of Agr Econ, PA St Univ (03) 07, 08.
b. 1933 Iowa; M-3.
BS 1955, MS 1958 IA St Univ; PhD 1964 OK St Univ.
Fields: 070, 030, 020, 040.
Prev Emp: Vstg Prof, Univ of FL, Gainesville, 1974-75; Agr Econ, ERS-USDA, Washington DC 1957-64.
Pub: Impact Rural Development on Employment, Univ of FL 1974-75; Planning for Rural Development, PA St Univ 1975; Economics and Population Growth in Pennsylvania, USDA, AE Rpt 310, 1975.
Hon: Am Men & Women of Science; Alpha Zeta; Gamma Sigma Delta; Omicron Delta Epsilon.
Mem: NE Agr Econ Assn; Intl Assn of Agr Econ.

JANSSEN, Larry L., Dept of Agr Econ, 213 HC Filley Hall, Univ of NE, Lincoln NE 68503; PH 402-472-3401.
Grad Res Asst, Univ of NE (03) 23, 07.
b. 1949 Nebraska; M.
BS 1971 Univ of NE; MS 1974 OK St Univ.
Fields: 013, 017, 100, 030.
Prev Emp: Res Assoc, Univ of NE, Agr Econ, Lincoln NE 1974; Credit Anal, Fed Intermediate Credit Bank, Omaha NE 1973.
Pub: Businessmens Funding Sources and Credit Use, Agr Econ Rpt 65, UNL, 1975; Property Tax in Oklahoma-A Look at Some Criticism, OK Business Bull. 1973.
Mbr: Gamma Sigma Delta; Omicron Delta Epsilon.
Hon: Outstanding MS Thesis AAEA 1975.

JANSSEN, Melvin R., EDD-ERS-USDA, Washington DC 20250; PH 202-447-8145.
Asst Director, ERS-USDA (16) 06, 07.
b. 1921 Illinois; M-4.
BS 1943, MS 1948 Univ of IL; MPA 1948, AM 1949, PhD 1953 Harvard Univ.
Fields: 046, 011, 031.
Prev Emp: Ldr, N&W Area, RDED-ERS, Wash. DC 1964-65; Agr Econ, ERS-USDA, Lafayette IN 1961-64; Agr Econ, ARS-USDA, Lafayette IN 1949-61.
Pub: Integration of Capital and Labor on Corn Belt Cash Grain Farms, PhD Thesis, Harvard Univ 1953; Beef Herd Costs and Returns, Purdue Aes Bull. 725, 1961; Employment in Agriculture and Agribusiness, ERS-USDA, ERS 570-580, 1974.
Mbr: AEA; WEA; SEA.
Hon: Am Men & Women of Science; Ferguson Fellow, Harvard 1947-49; Dist. Serv. Award-FFA 1975.

JANSSEN, William H., Jr., Am Embassy, USAID, APO New York NY 09899.

JARRETT, Frank G., Dept of Econ, Univ of Adelaide, Adelaide South Australia 5000.
Professor, Univ of Adelaide, (03) 08, 07.
b. 1923 Australia; Citz: Australia; M-4.
BS 1945 Univ of Sydney; PhD 1952 IA St Univ.
Fields: 081, 075.
Prev Emp: Prof, Univ of Adelaide, South Australia 1968.
Pub: Stat Analysis of Livestock Production and Marketing, New York 1955.

JARVESOO, Elmar, Dept of Food & Res Econ, Univ of MA, Amherst MA 01002; PH 413-545-2496.
Professor, Univ of MA (03) 09, 08, 07.
b. 1909 Estonia; Citz: USA; M.
Dr Agr 1939 Univ of Berlin, Germany.
Fields: 011, 014.
Prev Emp: Assoc Prof, Baltic Univ, Hamburg, Germany 1945-49; Lectr, Tartu Univ, Estonia 1941-44; Instr, Tartu Univ, Estonia 1934-37.
Lang: Estonian; Other: Ger 1-1-1, Finnish 1-2-2, Rus 2-3-3.
Mbr: IAAE; ISHS; Estonian Learned Soc; AA Baltic Studies.
Hon: Intl Who's Who; Am Men & Women of Science.

JASKA, Elmar, Agr Canada, Ottawa, Ontario, Canada K1A 0C5; PH 613-994-5571.
Econ., Agr Canada (40) 07.
b. 1910 Estonia; Citz: Canada; M-1.
PhD (Agr) 1938 Tartu Univ, Estonia; 1952-53 Carleton Univ; 1954 Univ of Chicao.
Fields: 017, 012.
Chf, Planning Div, Dept of Agr, Estonia 1941; Dep Dir of Central Union Coop, Estonia 1942-44.
Pub: Marketing of Agr Products in Estonia, 1936; Effects of Agr Crisis on Estonian Farming, 1938.
Lang: Estonian; Ger 1-1-1.

JATUTHONG, Vinai, 24 Ave Sampan 8 M, Bangkok 4 Thailand.

JAUREGUIZAR, Carlos, 1850 Hanover Drive #88, Davis CA 95616.

JEFFERIES, Gene L., Proyecta MAC-FAO, Ven - 17, Barinas, EDO Barinas, Venezuela; PH 073-3322.
Farm Mgmt Spec, IRI Res Inst Inc, (72) 22, 15, 18.
b. 1935 California; M-4.
BS 1963 AZ St Univ; MS 1964 Univ of AZ.
Fields: 012, 011, 013.
Prev Emp: Field Rep, Tri-State Livestock Credit Corp, AZ 1969-70; Ranch Investment Cons, Jefferies & Co, Los Angeles CA 1969; Farm Mgmt Spec, IRI Res Inst Inc, Brazil, 1967-69.
Pub: Relating Ranch Prices and Grazing Permit Values, JFE 1966; Arizona Ranch Prices Remain Constant, Progressive Agr in Arizona 1965; Value of Public Grazing Permits, Progressive Agr in Arizona 1965.
Lang: Sp 1-1-1, Por 1-3-2.
Mbr: Alpha Zeta; Toastmasters Intl.

JEFFREY, Arthur D., Community Planning, 36 Upper College Road, Kingston RI 02881; PH 401-792-2240.
Professor, Univ of RI (03) 08, 07.
b. 1917 Pennsylvania; M-2.
BS 1939 PA St College; MS 1953, PhD 1956 PA St Univ.
Fields: 020, 040.
Prev Emp: Asst Prof, Cornell Univ, 1955-59; Jt Asst, Sec-Treas, Natl Farm Loan Assoc, Land Bank of Baltimore 1947-50.
Pub: Extension's Involvement in Politics: A Case Study, Jour of Extension 1970; Concerns in Water Supply & Pollution Control: Legal, Social & Econ, Univ of RI 1971.
Mbr: AEA; AAAS; IAAE.
Hon: Dir of Am Scholars; Am Men & Women of Science.

JENKINS, Gerald M., 3209 Virginia Ave, Fort Pierce FL 33450; PH 305-464-2000.
Asst Dean of Instruction, Indian River Community College (04) 02, 07.
b. 1930 Ohio; M.
BA 1955 Mexico City College; 1956-57 Univ of Stockholm; MA 1965 TX Christian Univ; PhD 1969 Univ of HI.
Fields: 012, 141, 091.
Pub: An Analysis of Ranching Practices in Hawaii, Univ of HI 1969; The Potential Impact of Airfreight Rate Reductions on Ranch Income in Hawaii, Univ of HI 1971.
Lang: Sp 2-2-2.

JENNEWEIN, Everett M., PO Box 825, Huron SD 57350; PH 605-352-8651.
Contracts & Repayment Spec, Bureau of Reclamation (13) 19, 20.
b. 1912 South Dakota; M-3.
Fields: 021, 011.
Prev Emp: Training Officer, Veterans Adm, Brookings SD 1946-49.

JENNINGS, George S., 8366 W. Quay Drive, Arvada CO 80003.

JENNINGS, Thomas A., Admon de Empresas Agric, ITESM, Suc de Correos "J", Monterrey, Mexico NL; PH 58-2000.
Visiting Professor, Inst Tecnologico Monterrey, (03) 08, 07.
b. 1939 USA; M.
BA 1961 Rice Univ; PhD 1975 Univ of FL.
Fields: 025, 035, 073, 010.
Prev Emp: Asst Prof, GA Inst Tech, Atlanta GA 1964-70.
Pub: A General Methodology for Analyzing Demand for Outdoor Recreation With an Application to Camping in Florida State Parks, Univ of FL, PhD Dissertation 1975; Some Issues Concerning Specification and Interpretation of Outdoor Recreation Models, SJAE 1974.
Lang: Sp 1-1-1, Por 1-2-2.
Mbr: AEA; SEA.

JENSEN, Clarence W., Dept of Agr Econ, MT State Univ, Bozeman MT 59715.

JENSEN, Harald R., 231 Classroom Office Bldg, Univ of MN, St Paul MN 55108; 612-373-0950.
Professor, Univ of MN (03) 02, 07, 08.
b. 1911 Nebraska, M-3.
BA 1938 Buena Vista College; MS 1942, PhD 1950, IA St Univ.
Fields: 031, 011, 012, 088.
Prev Emp: Assoc Prof, Purdue Univ, 1957-58; Assoc Prof, Univ of KY, 1953-57; Asst Prof, IA St Univ, Ames, 1950-53.
Pub: Farm Management Economics, Prentice Hall 1954; Integration as an Adjustment to Risk, SJAE 1962; A Method of Farm Planning Under Uncertain Weather Conditions, Tech Bull. 292 Univ of MN 1973.
Lang: Danish 2-2-2, Nor 2-0-0.
Hon: Buena Vista Hon Soc; Gamma Sigma Delta; Sigma Xi.

JENSEN, Robert B., Dept of Agr Econ, VPI and St Univ, Blacksburg VA 24061; PH 703-951-5381.
Asst Professor, VPI & St Univ (03) 08, 07.
b. 1944 California; M-2.
AA 1964 College of the Sequoias; BS 1966, PhD 1974 Univ of CA, Davis.
Fields: 011, 062.
Pub: An Investigation of the Impacts of Alternative Cotton Programs on Income Levels and the Distribution of Income for the Cotton Growing Regions of California, PhD Dissertation 1974; Bayesian Decision Strategies Applied to Production and Marketing Decisions for Cow-Calf Farms in the Shenandoah Areas of Virginia, SJAE 1974.
Mbr: SAEA.
Hon: Phi Beta Kappa; Phi Kappa Phi; Gamma Sigma Delta.

JESNESS, Oscar B., Dept of Agr Econ, Univ of MN, St Paul MN 55108; PH 612-376-3566.
Prof & Dept Head (Emeritus) Univ of MN (03) 26.
b. 1889 USA; M-1.
BSA 1912, MS 1924, PhD 1928 Univ of MN.
Fields: 017, 014, 013.
Prev Emp: Prof & Dept Head, Univ of MN, St Paul 1928-57 (retired, Prof & Head) Univ of KY, Lexington, 1920-28; Spec in Coop Org, USDA, Washington DC 1915-20.
Pub: Cooperative Marketing of Farm Products, Philadelphia 1923; The American Farmer and the Export Market, Minneapolis MN 1934; A Program of Land Use in Northern Minnesota, Minneapolis MN 1932.
Lang: Ger 3-0-0, Fr 3-0-0.
Mbr: IAAE; AEA.
Hon: Who's Who in Am; Dir of Am Scholars; Leaders in Educ; Gamma Sigma Delta.

JESSE, Edward V., Room 200, GHI Bldg, 500 12th Street SW, Washington DC 20250; PH 202-447-8666.
Acting Prog Leader, CED-ERS-USDA (16) 06, 07.
b. 1944 Wisconsin; M-2.
1962-63 Valpraiso Univ; BS 1966, MS 1968, PhD 1970 Univ of WI.
Fields: 014, 015, 084.
Prev Emp: Agr Econ, CED-ERS-USDA, Davis CA 1973-76.
Pub: Decentralized Tomato Processing, USDA, Agr. Econ Report, 1975; Intraseasonal Onion Pricing, USDA, Mktg Res Rpt 1973; Analysis of Vegetable Contracts, AJAE 1970.
Mbr: AEA.
Hon: Am Men & Women of Sci; Alpha Zeta; Phi Kappa Phi; NDEA Fellow (1966-68).

JIMENEZ-DIAZ, Longinos, Centro de Edatologiay Biologia Aplicada, Aptdo 247, Salamanca, Spain; PH 21-9606.
Dr Econ, Consejo Sup Invest Cientificas, (40) 07.
b. 1924 Spain; Citz: Spain; U.
Lic T. 1952 Univ Salamanca; Lic Ciencias 1956 Laval Univ, Quebec, Canada; Lic Filosofia 1968; Doctor Econ 1970 Univ C., Madrid.
Fields: 011, 072.
Prev Emp: Teacher, Pontifical Univ, Salamanca, 1962-70.
Lang: Spanish; Other: Fr 1-2-1, Eng 1-3-2.
Mbr: AEEA; AEspanola de Econ y SA.

JOBES, Raleigh Alvin, 513 Agr Hall, OK St Univ, Stillwater OK 74074; PH 405-372-6211 Ext 7515.
Asst Professor, OK St Univ (03) 09, 20.
b. 1939; M-1.
BS 1963 OK St Univ; MA 1964 Univ of AZ; PhD 1972 OK St Univ.
Fields: 012, 011, 013.
Prev Emp: Asst Prof, Clemson Univ 1972-75; Instr Southern IL Univ, Carbondale 1971-72; Grad Res Asst, OK St Univ, 1967-71.
Pub: Some Statistical Characteristics of Part-Time Beef Farming in the South, Bull. 205, OK St Univ 1976; Computerized Farm Planning, CFE 48-1, OK St Univ 1975; On-Part-Time Farming, SJAE 1974.
Mbr: SAEA; FMA; OK SFM&RA.

JOHNSON, A. G., Room 5808, So Agr Bldg, Washington DC 20250; PH 202-447-2171.
Econ, USDA, Soil Conservation Service (23) 06.
b. 1936; M-3.
BA 1959 Pac. Luth Univ, Tacoma WA; MS 1967 ND St Univ.
Fields: 021, 026.
Prev Emp: Teacher, Des Lacs High School, ND 1962-65; Farming, Hartland ND 1959-65.
Mbr: SCSA.

JOHNSON, Allan S., 500 12th Street, Wash. DC 20250; PH 202-447-8066.
Asst Adm, USDA - ERS (16) 06.
b. 1939; M-2.
BS 1961 Univ of CA, Davis; MS 1965 PA St Univ.
Fields: 091, 066, 017.
Prev Emp: Asst to the Adm, USDA-ERS 1970-75; Staff Asst, USDA-ERS, Washington DC 1966-70; Staff Econ, Natl Comm on Food Mktg, Washington DC 1965-66.
Pub: Effects of Assembly Dist & Processing Costs on the Location, Size and Number of Egg Marketing Firms, Dissertation, PA St Univ 1965; New Directions for U.S. Agriculture Policy, USDA 1972.
Lang: Swe 3-3-3.
Hon: USDA Superior Service Award 1974.
Mbr: APPA.

JOHNSON, David G., 1126 E 59th Street, Chicago IL 60637; PH 312-753-3013.
Professor & Provost, Univ of Chicago (03) 02, 07, 08.
b. 1916; M-2.
BS 1938 IA St College; MS 1939 Univ of WI; PhD 1945 IA St College.
Fields: 017, 112.
Prev Emp: Provost, Univ of Chicago 1975; Prof of Econ, Univ of Chicago 1954.
Pub: Forward Prices of Agriculture, Chicago Univ Press 1947; World Agriculture in Disarray, London (Macmillan) 1973; World Food Problems & Prospects, Washington 1975.
Mbr: AEA.
Hon: Who's Who in Am; Directory of Am Scholars; Leaders in Educ; Intl' Who's Who; Am Men & Women of Sci; World Who's Who; Who's Who in Science.

JOHNSON, Dennis A., 375 Jackson Street, St Paul MN 55101; PH 612-725-7674.
Regional Business Analyst, St Paul Bank for Cooperatives (32) 17.
b. 1949; M.
BS 1971, MS 1973 Univ of MN.
Fields: 091, 013, 036.
Lang: Sp 2-3-1.

JOHNSON, Glenn L., Agr Econ Dept, MI St Univ, E Lansing MI 48824; PH 517-355-1699.
Professor, MI St Univ (03) 08, 07, 20.
b. 1918 USA; M-2.
BS 1940 Univ of IL; MA 1942 MI St Univ; PhD 1949 Univ of Chicago.
Fields: 011, 016.
Prev Emp: Prof, Univ of KY, Lexington 1948-51; Soc Econ Stat 1942-43.
Pub: Farm Management Analysis, John Wiley & Sons, 1952; Overproduction Trap, Johns Hopkins Press 1971; What Economists Do About Values, Agr Econ, MI St Univ 1973.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: IAAE; AS England; CAES.

JOHNSON, James B., Room 8 Agr Hall, MI St Univ, E Lansing MI 48824; PH 517-355-2320.
Agr Econ, ERS-USDA (16) 07.
b. 1942 Nebraska; M-1.
BS 1964 OR St Univ; MS 1966 Purdue Univ; PhD 1970 OR St Univ.
Fields: 011, 026, 016.
Prev Emp: Agr Econ, ERS-USDA, Corvallis OR 1965-70; Res Assoc, Purdue Univ, 1964-65; Agr Stat, SRS-USDA, Portland OR 1963-64.
Pub: Econ Impacts of Controlling Surface Water Runoff from Fed-Beef Prod Facilities, ERS-USDA 1975; An Econ Appraisal of Alt Dairy Waste Mgmt Systems Designed for Pollution Control, Jour of Dairy Sci, 1973; Estimation of Cost Functions of N.W. Beef Feedlots from Expected

Marginal Revenue Observations, OR St Univ, 1973.
Hon: Phi Eta Sigma; Alpha Zeta; Phi Kappa Phi.

JOHNSON, James D., Dept of Agr Econ, Univ of IL, Urbana 61801; PH 217-333-2638.
Res Asst, Univ of IL (03) 07.
b. 1950 Tennessee; M-1.
BS 1972 Univ of TN; MS 1974, Univ of IL.
Fields: 012, 017, 030.
Prev Emp: Res Asst, Univ of IL, Urbana 1972-73.
Pub: The Effect of Town Size and Location on Retail Sales, N. Central Regional Center for Rural Devl 1976; Retail Sales as a Measure of Community Viability IL Research 1974.
Hon: Sigma Xi; Gamma Sigma Delta; Alpha Zeta.

JOHNSON, Jerome E., St Univ Station, Dept of Agr Econ, ND St Univ, Fargo ND 58102; PH 701-237-7441.
Assoc Professor, ND St Univ (03) 07, 08.
b. 1930 Wisconsin; U.
BS 1956 Univ of WI-River Falls; MS 1961, PhD 1970 Univ of MN.
Fields: 022, 026, 011, 012.
Prev Emp: Asst Prof, ND St Univ, Fargo, 1961-71.
Pub: Family Estate Planning, Bulletins, ND St Univ Coop Ext Serv, 1966, 1969, 1972 & 1976; Suggestions on Father & Son Farming Agreements, ND St Univ Agr Exp Sta, 1967-1972; Legal Aspects: Coal Leasing/Sales/Strip Mining Reclamation, ND St Univ Coop Ext Service 1973.
Lang: Fr 2-3-3.
Mbr: AEA; IAAE; ASFM&RA.

JOHNSON, Kenneth V., PO Box 312, Sterling CO 80751; PH 303-522-4540.
Asst Co Supervisor, USDA-FHA (20) 17, 20.
b. 1949 Nebraska; M.
BS 1971 Univ of Wy.
Fields: 013, 012, 011.
Mbr: WAEA; FMA; Univ of WY Alumni Assoc.
Hon: Notable Am of the Bicentennial Era; Who's Who in Finance & Ind; Phi Kappa Phi; Omicron Delta Epsilon; Gamma Sigma Delta.

JOHNSON, Marc A., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Asst Professor, OK St Univ (03) 07, 08.
b. 1948 USA; U.
BA 1970 Emporia KS St College; MTID 1971 NC St Univ; MA 1973, PhD 1975 MI St Univ.
Fields: 019, 014, 033, 062.
Lang: Sp 2-2-2.
Mbr: AEA; SAEA; Transportation Forum.

JOHNSON, Paul R., Dept of Econ, Box 5368, Raleigh NC 27607; PH 919-737-2609.
Professor, NC St Univ (03) 07, 08.
b. 1929 Montana; M-3.
AB 1950 Oberlin College; MS 1953 NC St Univ; PhD 1959 Univ of Chicago.
Fields: 111, 081, 061.
Prev Emp: Econ, Rand Corp, Santa Monica CA 1967-68; Econ, ERS-USDA, Raleigh NC 1962-63; Asst-Assoc Prof, Univ of KY, Lexington, 1958-62.
Pub: Protection and the Exchange Rate, Economic Record, 1975; Balance of Payments Pressure, SJAE, 1970; Social Cost of the Tobacco Program, JFE 1965.
Mbr: AEA; ASA.

JOHNSON, Phillip N., Route 1 Box 29-B, Friona TX 79035; PH 806-265-3459.
Self Employed (75) 21.
b. 1948 Texas; M-1.
BS 1970, MS 1972 TX Tech Univ.
Fields: 012, 081.
Prev Emp: Area Econ, TX Agr Ext Service, College Station TX 1972-75.
Pub: Econometric Models for Quarterly Shell Egg Prices, AJAE 1973; Econometric Models of Cash & Futures Prices of Shell Eggs, ERS Tech Bull. 1974.

JOHNSON, Ralph D., 205 Filley Hall, Dept of Agr Econ, Univ of NE, East Campus, Lincoln NE 68583; PH 402-471-5447.
Agr Econ, USDA-ERS-CED (16) 07, 22, 11.
b. 1922 Nebraska; M-7.
BS 1948, MS 1961 Univ of NE; 1971 Univ of NE.
Fields: 014, 101, 011, 012.
Prev Emp: Res Asst, Univ of NE, Lincoln, 1957-58; Voc Agr Instr, Manila Public School, IA 1954-57; Voc Agr Instr, Gordon Public Schools, NE, 1948-51.
Pub: Let's Take Another Look at Economies of Size in Cattle Feeding, CJAE 1972; An Economic Evaluation of Alternative Marketing Methods for Fed Cattle, NE Agr Exp Sta, 1972; Strategies for Wheat Production in the Great Plains, JFE 1967.
Mbr: WAEA; CAES.
Hon: Omicron Delta Epsilon; Am Men & Women of Science; Who's Who in America.

JOHNSON, Rene M., OEAD, Co Office Bldg, Rockville MD 20850; PH 301-279-1462.
Agr Resources Coord, Montgomery County MD (40) 06, 07, 09.
b. 1924 Idaho; M-7.
BS 1969, MS 1972, 1972-76 Univ of MD.
Fields: 031, 039, 038.
Prev Emp: Herdsman, USDA-ARS, Beltsville MD 1965-73; Farm Mgr, Bountiful Farms, Trappe MD 1963-75.
Lang: Swe 2-2-2.

JOHNSON, Richard L., 755 Parfet Street, Branch of Scientists, Lakewood CO 80225; PH 303-234-4527.
Econ, Natl Park Service (13) 18, 07, 15.
b. 1940 Utah; M-1.
BS 1965, MS 1967 UT St Univ; 1966-68 Univ of MN; 1968-74 MI St Univ.
Fields: 020, 025, 130, 017.
Prev Emp: Econ, ERS-USDA, E Lansing MI 1968-74; Res Asst, Univ of MN 1966-68.
Pub: An Investigation of Methods for Estimating Marginal Values of Irrigation Water, MS Thesis, UT St Univ 1967.
Mbr: AEA.

JOHNSON, Roger G., Dept of Agr Econ, ND St Univ, Fargo ND 58102; PH 701-237-7441.
Professor, ND St Univ (03) 08, 07.
b. 1934 Minnesota; M-3.
BS 1956 ND St Univ; MS 1958, PhD 1962 Univ of MN.
Fields: 012, 013, 073.
Prev Emp: Asst Prof, Univ of WI, Madison 1962-67; Instr, Univ of MN, St Paul 1960-62; Res Asst, Univ of MN, St Paul 1956-60.
Pub: Optimum Farm Plans-North Dakota, ND Farm Research 1975; Four Wheel Drive Tractors in North Dakota, ND Farm Res. 1974; Grower Returns from Coop Sugarbeet Plant, Agr Econ Rpt 1972.
Lang: Por 2-3-2.
Mbr: WAEA; NWFM; Toastmasters Intl.
Hon: Fulbright Hayes Res Fellowship-Ireland 1975-76.

JOHNSON, Sam H. III, CSU-AID, Lahore-ID, Dept of State, Washington DC 20520.
Asst Professor, CO St Univ (03) 07, 22.
b. 1945 California; M-2.
BS 1968 OK St Univ; MS 1972 Univ of CA, Davis; PhD 1975 CO St Univ.
Fields: 021, 084, 011, 085.
Prev Emp: Res Asst-Assoc, CO St Univ, Ft Collins 1973-75; Res Asst, Univ of CA, Davis 1971-72.
Pub: The Economics of Water Management to Reduce Waterlogging and Salinity, Dissertation, CO St Univ 1975; Optimal Tradeoffs Between Reservoir and Downstream Recreation Benefits, WAEA 1975; Manual for Training in the Application of the Principles and Standards of the Water Resource Council, CO St Univ 1974.
Lang: Malaysia-Indonesian 3-3-2, Urdu-Hindu 0-0-3.
Mbr: IWRA; WAEA; IAEA.

JOHNSON, Sherman E., 8 Virginia Circle, Strasburg VA 22657; PH 703-465-8618.
Retired, Part-time Cons (75) 26.
b. 1896 Minnesota; M-3.
BS 1924, MS 1926 Univ of MN; PhD 1938 Harvard Univ.
Fields: 073, 011.
Prev Emp: Dep Adm, ERS-USDA, Washington DC 1961-65; Res Dir, ARS-USDA, Washington DC 1954-61; Asst Chf, BAE-USDA, Washington DC 1946-53.
Pub: From the St Croix to the Potomac, MT St Univ 1975; Changes in American Farming, USDA 1949.
Lang: Swe 2-2-2, Sp 3-0-3.
Mbr: AEA; IAAE, Pres. 1958-61.
Hon: Who's Who in Am; Pres. Award for Dist. Civilian Serv, 1963; Dist. Service Award-USDA 1958; Outstanding Achievement Award, Univ of MN 1956.

JOHNSON, Stanley R., Dept of Agr Economics, Univ of Missouri, Columbia MO 65201.

JOHNSON, Stanley S., Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-3680.
Agr Econ, USDA (16) 07.
b. 1926 Ohio; M-4.
AB 1952 Baker Univ, KS; MS 1956 Stanford Univ; PhD 1960 IA St Univ.
Fields: 011, 105, 096.
Prev Emp: Agr Econ, Intl Rice Res Inst, Los Banos, Philippines 1966-68.
Pub: An Economic Analysis of Cling Peach Production With Emphasis on Harvest Mechanization, USDA-ERS Report 1973; Demand for Labor in Agriculture, IA St Univ, CAEA Report 13T, 1962; IRRI Terminal Report on Rice Mechanization, USAID Report 1969.
Lang: Fr 3-3-0, Sp 3-3-0.
Mbr: WAEA.

JOHNSON, Thomas G., Dept of Agr Econ, Univ of Saskatchewan, Kirls Hall, Saskatoon, Saskatchewan, Canada.

JOHNSON, Van B., 1220 Woodward Street, Orlando FL 32803; PH 305-420-6025.
Agr Stat, USDA-SRS (22) 15.
b. 1949 Illinois; M.
BSBA 1971, MAG 1972 Univ of FL.
Fields: 080, 041, 093.
Prev Emp: Grad Asst, Univ of FL, Gainesville 1971-72.
Mbr: SAEA.

JOHNSON, V.W., 324-B Pine Ridge Drive, Whispering Pines NC 28389.

JOHNSON, William F., Tech Assistance Bureau, 21st Street & Virginia Ave NW, Washington DC 20523; PH 202-632-9070.
Agr Econ, AID-Dept of State (24) 18, 22, 19.
b. 1914 Tennessee; M-2.
BS 1940 Univ of OK; MPA 1952 Harvard Univ; 1935-36 Univ of TN.
Fields: 017, 077, 073, 118.
Prev Emp: Agr Econ & Adv, AID, Washington DC & Vietnam, Liberia & Tunisia 1961-75; Dir, Sterling For. Corp, New York 1954-61; Chrm of Mission & Agr Econ Adv, FAO, Saudiarabia 1952-54.

Pub: Rice in the Philippines-1968, AID Dept of State, Washington DC 1968; Organization, System and Requirements For Research in Agriculture in Indonesia Res. Survey Team, Indonesia 1969; Agricultural Credit in Tunisia, Spring Review-Agr Credit, Washington DC, AID, Review-Agr Credit, Washington DC, AID 1973.
Lang: Fr 3-3-3, Ita 2-2-3.
Mbr: AEA; Military Govt Assn, Pres. Japan Chapter.
Hon: Certificate of Achievement for Exemplary Services by the Supreme Commander of the Allied Powers for Services in Occupied Japan 1946-51 as Civil Affairs Officer.

JOHNSTON, Bruce F., Food Res Inst, Stanford Univ, Stanford CA 94305; PH 415-497-2793.
Prof & Econ, Food Res Institute.
b. 1919 Nebraska; M-2.
BA 1941 Cornell Univ; AM 1950, PhD 1953 Stanford Univ.
Fields: 073, 017, 051, 047.
Prev Emp: Agr Econ, Food & Agr Div, U.S. Mission to NATO, Paris, France 1952-54; Chief, Food Branch, Econ & Sci Sec, GHQ, SCAP, Tokyo, Japan 1945-48.
Pub: Agriculture & Structural Transformation: Econ Strategies in Lake Developing Countries, Oxford Univ Press, New York 1975; The Staple Food Economies of Western Tropical Africa, Stanford Univ Press 1958; Japanese Model of Agricultural Development: Its Relevance to Developing Nations in Ohkawa, Johnston Kaneda, eds, Agr & Econ Growth: Japan's Experience, Tokyo 1969.
Lang: Fr 1-3-2, Jap 0-0-3.
Mbr: AEA; Afr Studies Assoc, Mbr Brd of Dir 1962-65.
Hon: Guggenheim Fellowship.

JOHNSTON, George M., 4464 Karen Ann Drive, Apt H-204, Okemos MI 48864.

JOHNSTON, James H., Div Mktg & Econ, Dept of Agr, St Office Block, Phillip Street, Sydney NSW Australia; PH 02-270-4791.
(40) 07, 06, 19.
b. 1949 Australia; U.
BAE 1972 Univ of NE, Armidale; ME 1975 Australia Ntl Univ, Canberra.
Fields: 104, 105, 066, 064.
Pub: Public Policy on Cattle Tick Control in NSW Rev Mktg Agr Econ 43 (1) 1975.
Mbr: NSW Australia AEA; Australia-NZ Assoc for Adv of Sci.

JOHNSTON, Richard S., Dept of Agr Econ, OR St Univ, Corvallis OR 97331.
Assoc Professor, OR St Univ (03) 07, 08.
b. 1937 Canada; Citz: Canada; M-2.
BA 1960 WA St Univ; MS 1963 U of MA; PhD 1970 Univ of CA, Berkeley.
Fields: 062, 024,014, 066.
Prev Emp: Grad Res Asst, Univ of CA, Berkeley 1963-66, U of MA 1961-63; Food Buyer, Hudson's Bay Co, Canada 1960.
Pub: The Relationship Between Education & Income, OSU 1975; Some Characteristics of the Market for Food Consumed Away From the Home, WAEA 1974; A Demand Anal for Canned Red Salmon at Wholesale, Or St U. 1974.
Lang: Fr 2-3-3, Ger 3-3-3.
Mbr: AEA.
Hon: Phi Kappa Phi; Sigma Xi.

JOHNSTON, Tim D., 135 Crestview Hall, IN Univ SE, PO Box 679, New Albany IN 47150; PH 812-945-2731.
Asst Professor, IN Univ SE (03) 08, 07, 09.
b. 1942 Michigan; M-2.
BA 1965 Central MI Univ; MS 1971, PhD 1974 IA St Univ.
Fields: 084, 011, 073, 063.
Prev Emp: Res Fellow, IA St Univ, Ames, 1974; Vstg Prof, Francisco Marroquin Univ, Guatemale 1973; Head of Data Coll Team, IA St Univ, Montevideo, Uruguay 1969.
Pub: A Linear Programming Analysis of Peasant Agr. in Western Guatemala IN St Univ 1975; Income Potential of Small Farms in Guatemala, IA St Univ 1974; Produccion de Cultivos Tradiciona les en el Altiplano de Guatemala, Guatemala City 1973.
Lang: Sp 1-1-1, Por 2-2-2.
Mbr: AEA; ES; IN Econ Forum.
Hon: NDEA Fellowship; AID 211/d Fellowship.

JOHNSTON, Warren E., Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-1515.
Professor, Univ of CA, Davis (03) 07,08.
b. 1933 California; M-2.
BS 1959 Univ of CA; MS 1963, PhD 1964 NC St Univ.
Fields: 020, 011, 031, 017.
Lang: Ger 2-3-1.
Mbr: WAEA; IAAE; AEA.
Hon: AAEA Thesis Award 1964; Alexander Von Humboldt Res Fellowship (W. Ger.) 1969-70; Fulbright Scholarship (New Zealand) 1976-77.

JOHNSTONE, Robert L., CPO 2356, Berea College, Berea KY 40403; PH 606-986-9341.
Prof-Dept Chrmn, Berea Coll (03) 08, 02.
b. 1926 Kentucky; M-4.
BS 1948, MS 1956 U of KY; PhD 1961 Uof IL.
Fields: 012, 061, 013.
Prev Emp: Assoc Prof, NC St U 1959-64; Res Asst U of IL 1956-59; U of KY 1955-56
Hon: Who's Who in America.

JOKERST, John F., 200 Mumford Hall, Dept of Agr Econ, Univ of Missouri, Columbia MO 65201; PH 314-882-8327.
MS Candidate, Univ of MO (03) 23.
b. 1952 Missouri; M.
BA 1974, MS 1976 Univ of MO, Columbia.
Fields: 080.
Lang: Fr 2-2-2.

JOLLY, Robert W., Res Station, Canada Dept of Agr, Lacombe, Alberta Canada; PH 403-782-3316.
Res Econ, Econ Branch, Agr Canada (78) 07.
b. 1944 Iowa; M-1.
BS 1968, MS 1974, PhD 1976 Univ of MN.
Fields: 011, 017, 051, 152.
Prev Emp: Res Asst, Univ of MN, St Paul 1971-75.
Lang: Ger 2-2-2.
Mbr: CAES.
Hon: Alpha Zeta; Gamma Sigma Delta.

JONES, Bill H., 309 Livestock Exchange Bldg, Omaha NE 68107; PH 402-733-9464.
Exec V. Pres, Natl Livestock Feeders Assoc (53) 05, 15, 18.
b. 1920 USA; M-2.
BS 1953 CO St Univ; MS 1954 Univ of IL.
Fields: 014, 017.
Prev Emp: Asst Dir, NE Dept of Agr, Lincoln NE 1967-70.
Mbr: ASAS.

JONES, Bob F., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-493-2224.
Assoc Prof, Purdue Univ (03) 09, 08, 07.
b. 1926 Kansas; M-3.
BS 1959, MS 1961 KS St Univ; PhD 1964 MI St Univ.
Fields: 017, 112, 018.
Prev Emp: Grad Res Asst, MI St Univ, E. Lansing 1961-64; Temp Instr, KS St Univ, Manhattan KS 1959-61; Farm Opr. Self-employed, KS 1944-57.
Pub: Structure of Grain Market, Purdue Univ 1975; Your Food, OH St Univ 1975; Effect of Payment Limitations, Purdue Univ 1975.
Lang: Por 1-2-1.

JONES, Dewitt, Dept of Agr Econ, Univ of Arkansas, Pine Bluff AR 71601; PH 501-535-6700.
Res Econ, Univ of AR, Pine Bluff (03) 07, 08.
b. 1947 Arkansas; M.
BS 1969 Univ of AR; MS 1971 Univ of IL; PhD 1976 Univ of MO.
Fields: 072, 035, 047.
Prev Emp: Grad Res Asst, Univ of MO 1972-76; Instr, Southern Univ, Baton Rouge LA 1971-72.
Pub: Income Inequality of Metro Area Size, PhD Dissertation 1976; Mkt Structure Factors Affecting the Price of Corn Offered by IL Country Elevators, MS Thesis, Univ of IL 1971.

JONES, Donald F., Box 770, Belgrade MT 59714.

JONES, Douglas M., USAID, Lapaz, Bolivia APO New York NY 09867.
Agr Econ, USAID (24) 18, 22, 06.
b. 1932 Wisconsin; M-2.
BS 1954, MS 1958 Univ of WI; PhD 1968 Univ of AZ.
Fields: 118, 060, 020, 043.
Prev Emp: Asst Prof, MT St Univ, Bozeman 1967-69; Res Assoc, Univ of AZ, Tucson 1963-67; Res Anal, Bureau of Land Mgmt, Fairbanks AK 1959-63.
Pub: A Short HIstory of the Bad Axe Land and Lumber Company 1976; Handbook on the Use of the Pelly Astrolabe, Nautical Press, Newark NJ 1973.
Lang: Sp 1-2-1.
Mbr: AEA; IAEA.

JONES, Elwood C., Route 3, Box 450, Moses Lake WA 98837.

JONES, James R., Dept of Agr Econ, Agr Sci Bldg, Univ of ID, Moscow ID 83843; PH 208-885-6262.
Asst Prof, Univ of ID (03) 07, 08.
b. 1942 Missouri; M-2.
BA 1964 SW MO St Univ; MS 1967 OK St Univ; PhD 1976 Univ of AR.
Fields: 112, 014, 016, 062.
Prev Emp: Instr,Univ of AR, Fayetteville 1973-75; Asst Prof, Ft Hays KS St College 1965-71.
Pub: Evaluation of International Coffee Agreement, MS Thesis OK St Univ 1967; Study of Import Demand for Soybean Products in Eastern Europe, PhD Dissertation Univ of AR 1976.
Lang: Fr 3-3-0.
Mbr: IAAE.

JONES, Larry D., Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506; PH 606-257-1871.
Asst Professor, Univ of KY (03) 09, 10, 11.
b. 1946 Ohio; M-2.
BS 1968 OH St Univ; MS 1971, PhD 1973 Purdue Univ.
Fields: 090, 015, 050.
Prev Emp: Res Asst, Purdue Univ, Lafayette IN 1968-73.
Mbr: SAEA; FDRS.
Hon: Stockdyk Award for Best MS Thesis on Coops.

JONES, Lonnie Lee, Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-2333.
Assoc Professor, TX A&M Univ (03) 07, 08.
b. 1940 Texas; M-3.
BS 1961 Stephen F. Austin Univ; MS 1964 LA St Univ; PhD 1967 OH St Univ.
Fields: 020, 030, 080, 040.

Prev Emp: Res Asst, OH St Univ, Columbus 1964-67; Mktg Spec, CMS-USDA, Alexandria LA 1963; Teacher, Woden High School, TX 1961.
Pub: The Southern Rice Industry, TX A&M Press 1970; Public Service Delivery in Rural Areas, AJAE 1974; External Costs of Land Subsidence, AJAE 1975.
Lang: Sp 2-2-2.
Mbr: IAAE; SAEA, Ed Council 1972-75; WAEA; AEA.
hon: Who's Who in the South & Southwest; Am Men & Women of Science; Alpha Zeta; Gamma Sigma Delta; Travel Grant from AAEA to IAAE Conference, Minsk, USSR.

JONES, Michael A., Room 200 Mumford Hall, Dept of Agr Economics, Univ of Missouri, Columbia MO 65201.

JONES, Robert C., 4545 N. Lincoln Blvd, OK City OK 73105; PH 405-525-4607.
Econ Anal, Wilson & Company (51) 15.
b. 1920 Indiana; M-6.
BS 1943, MS 1951 Purdue Univ.
Fields: 016, 015, 014, 018.
Prev Emp: Mgr, Feed Mill, IN 1945-49.
Pub: Factors Affecting the Cutout Value of Market Hogs, MS Thesis & Bull, Purdue Univ 1951.

JONES, Robert L., PO Box 2526, Ft Myers FL 33902; PH 813-334-8761.
Dist Dir, Farmers Home Adm (20) 06, 17, 20.
b. 1942 West Virginia; M-2.
BSA 1972 Univ of FL.
Fields: 013, 039.
Lang: Sp 2-0-2.
Mbr: Alpha Gamma Rho.

JONES, Ronald W., 919-A North Van Dorn, Apt 202, Alexandria VA 22304.

JONES, T. Morris, College Parkway, Mobile College, Mobile AL 36613; PH 205-675-5990.
Asst Professor, Mobile College (03) 08.
b. 1937 Mississippi; M-2.
BA 1966 Union Univ; MS 1968, PhD 1975 Univ of TN.
Fields: 141, 094, 159.
Prev Emp: Grad Res Asst, Univ of TN, Knoxville 1971-74; Agr Stat, Stat Reporting Service, Nashville TN 1969-71; Hospital Off Emply, Jackson-Mad Co Gen Hosp, TN 1960-65.
Pub: Fire Protection Services, Dissertation, Knoxville TN 1975; Fire Protection Service, TN Farm & Home Science 1974; Index of Prices Received by Tennessee Farmers, SRS-USDA Publication 1971.
Mbr: SAEA.
Hon: Grad Res Assistantship; Natl Defense Educ Act Fellowship; Medal of Excellence in Economics - Union University.

JONES, Ted L., 2120 Fyffe Road, Coop Ext Service, OH St Univ, Columbus OH 43210; PH 614-422-4077.
Asst Dir, Agr Ind, OH St Univ (03) 09.
b. 1929 Missouri; M-3.
BS 1951, MS 1958, PhD 1961 Univ of MO.
Fields: 013, 012, 014.
Prev Emp: Asst Dir, OH Agr Res & Devl Center, Wooster OH 1969-75; Assoc Prof, Dept of Agr Econ, USU, Columbus OH 1965-69; Assoc Prof, Dept of Agr Econ, Univ of MO, Columbia, 1963-65.
Pub: Agr Credit Institutions, IA St Univ Press 1971; Consumption Functions, OARDC Bull. 1028, Wooster OH 1970; Evaluation of the Agr Devl Prg of Laos, AFC 130, OH St Univ 1969.
Mbr: AEA.
Hon: Am Men & Women of Science.

JONES, Tom M., Dept of Agr Econ, Clemson Univ, Clemson SC 29631; PH 803-656-3225.
Grad Res Asst, Clemson Univ (03) 23.
b. 1940 Alabama; M-2.
BS 1963 Auburn Univ; MBA 1971 GA Southern; PhD Clemson Univ.
Fields: 024, 011.
Prev Emp: Dyer- Deering/Milliken, Pendleton SC 1971-73; Cpt, FA, U.S. Army 1963-71.
Lang: Vietnamese 0-0-2.
Mbr: SAEA; SRSA.

JONES, William O., Food Res Inst, Stanford Univ, Stanford CA 94305; PH 415-497-3942.
Professor Emeritus, Stanford Univ (03) 07.
b. 1910 Nebraska; M-3.
BA 1932 Univ of NE; PhD 1947 Stanford; DSc (Hon) 1965 Univ of NE.
Fields: 073, 014.
Prev Emp: Professor, Food Res Inst, Stanford, 1953-75; Director, Food Res Institute 1964-72.
Pub: Marketing Staple Foodstuffs in Tropical Africa, Cornell, 1972; Manioc in Africa, Stanford Univ 1959.
Lang: Fr 1-0-0.
Mbr: AEA; WEA, President; Afr Studies Assoc, President.
Hon: Who's Who in Am; Dir of Am Scholars; Am Men & Women of Science; Guggenheim Fellows.

JONES, William R., 2000 Constitution Ave, Washington DC 20551. PH 202-452-3132.
Econ, Federal Reserve Board (33) 06, 14, 08.
b. 1947 New Mexico; M-1.
BS 1970, MS 1972, PhD 1974 Univ of MD.
Fields: 083, 026, 131.
Prev Emp: Instr, Univ of MD, College Park, 1972- --; Grad Fellow, Univ of MD, 1970-72; Systems Anal, Goddard Space Flight Center, Greenbelt MD 1966-70.

Pub: The Chesapeake Bay: Today's Paradise-Tomorrow's Problem? MD Agr Econ 1972.
Mbr: AEA.
Hon: NDEA Fellowship; Grad W/ High Honors, BS degree; Beta Gamma Sigma; Natl Bus. Hon. Fraternity.

JONES, William W., 7009 Spur Road, F., Springfield VA 22153.

JOO, Yong J., Room 138 Agr Adm Bldg, LA St Univ, Baton Rouge LA 70803.

JORDAN, Johnny W., 279 Barre Hall, Dept of Agr Econ, Clemson Univ, Clemson SC 29631; PH 803-656-3475.
Instr, Clemson Univ (03) 07, 09, 23.
b. 1947 Alabama; M-2.
BS 1969, MS 1971 Auburn Univ.
Fields: 011, 012.
Prev Emp: Ext Spec. Clemson Univ, Florence SC 1971-73.
Pub: Cost Comparisons of Five Tobacco Harvesting Systems, Clemson Univ 1972; Agricultural Prices & Use in Farm Planning, Clemson Univ 1973; Comparative Economic Analysis of Alternative Tobacco Harvesting Systems, Clemson Univ 1976.
Mbr: SAEA; SFM&RA.
Hon: Phi Kappa Phi; Farm Foundation Fellowship; Academic Scholarship.

JORDAN, Max F., Deputy Director, EDD-ERS-USDA, 500 12th Street SW, Washington DC 20250; PH 202-447-8849.
Dep. Director-Human Resources, EDD-ERS-USDA (16) 06, 07, 19.
b. 1928 Missouri; M-2.
BS 1951, MED 1958, MS 1958 Univ of MO; PhD 1961 Univ of IL.
Fields: 040, 043, 044, 030.
Prev Emp: Ldr, Rural Pov Anal, EDD-ERS-USDA, Washington DC 1967-72; Agr Econ, EDD-ERS-USDA, Fayetteville AR 1961-67; Agr Econ, FED-ERS-USDA, Urbana IL 1958-61.
Pub: Economic Survey of the Ozarks Region, ERS 1966; Rural Development in the Ozarks Region, OECD, Paris, 1966; Rural Industrialization in the Ozarks, ERS, 1967.
Lang: Ger 3-0-0, Fr 3-0-0.
Hon: Am Men & Women of Science, Certificate of Merit - USDA 1967, 1973; Gamma Sigma Delta; Alpha Pi Zeta.

JORDAN, N. Wayne, PO Box 596, Inverness FL 32650; PH 904-726-1287.
President, Jordan's Tropicaire Plants (51) 11, 05, 10.
b. 1940 Florida; M-3.
BSA 1963, MSA 1964, PhD 1976 Univ of FL.
Fields: 014, 066.
Prev Emp: Econ, J.J. Madigan Assoc, Sarasota FL 1964-67.
Pub: The Economic Feasibility of Additional Cattle Feeding in Florida, 1976.
Lang: Fr 2-0-0.
Hon: Omicron Delta Epsilon; Alpha Zeta.

JORGENSON, David W., PO Box 30918, Billings MT 59116; PH 406-245-3011.
Agr Loan Officer, Security Bank N.A. (51) 17, 20, 15.
b. 1949 Montana; M.
BS 1971 MT St Univ.
Fields: 013, 012.
Prev Emp: Acct, Soape Drlg Co, Billings MT 1971-73.

JOSE, H. Douglas, Dept of Agr Econ, Univ of Saskatchewan, Saskatoon, Sask, Canada S7NOWO Canada; PH 306-343-2233.
Assoc Professor & Ext Spec, Univ of Sask, (03) 09, 08, 07.
b. 1943 Canada; Citz: Canada; M-1.
BS 1966 McGill Univ; MS 1970 Univ of MA; PhD 1974 OK St Univ.
Fields: 012, 011, 013.
Prev Emp: Farm Mgmt Spec, Nova Scotia Dept of Agr, Truro, NS, Canada, 1966-68.
Mbr: CAES; SAEA; CSRE.
Hon: Phi Kappa Phi.

JOSS, Alexander, 4212 S. Pittsburg, Spokane WA 99203; PH 509-535-4519.
Retired (76)
b. 1910 Washington; M-3.
BS 1934 WA St Univ; MS 1935, PhD 1940 Cornell Univ.
Fields: 013.
Prev Emp: V. Pres & Sec, Fed Land Bank, Spokane WA 1968-74; Sec. Fed Land Bank, Spokane WA 1963-68; Dir of Res & Personnel, Farm Credit Banks, Spokane WA 1960-63.
Mbr: WAEA, V. Pres 1949.
Hon: Fed Land Banks 50th Anniversary Medal 1967.

JOY, J.L., Inst of Devl Studies, Univ of Sussex, Andrew Cohen Bldg, Palmer, Brighton BN1 9RE England.

JUDY, John Wayne Jr., College of Vet Medicine, Univ of IL, Urbana IL 61801; PH 217-333-7434.
Prof & Head, Dept of Vet Clinic Med (03) 02, 08, 07.
b. 1931 Indiana; M-3.
1949-52 Wabash College; BS 1954 Purdue Univ; DVM 1958 KS St Univ; PhD 1968 Purdue Univ.
Fields: 093, 042, 012, 011.
Prev Emp: Prof & Head, Dept of Surgery & Med, Univ of GA 1969-71; Asst Prof, Dept of Agr Econ & Vet Med, Purdue Univ 1962-69, Veterinarian, Private Practice, Greencastle IN 1958-61.
Lang: Ger 3-3-3.
Mbr: AVMA; IL-VMA; AAVC Sec Tr 1973-76.
Hon: Who's Who in America.

JUERS, Linley E., Dept of Economics, Co St Univ, Ft Collins CO 80523; PH 303-482-9279.
Sr Econ, USDA (16) 06, 07.
b. 1930 Minnesota; D-2.
BS 1953, MS 1954, PhD 1957 Univ of MN.
Fields: 026, 031, 017, 118.
Prev Emp: Dep Adm, ERS, Washington DC 1966-73; Proj Leader, Food Commission, Washington DC 1965; Staff Econ, Office of Secretary, USDA, Washington DC 1961-63.
Mbr: WAEA; AAAS.
Hon: Am Men & Women of Science.

JUILLERAT, Monte E., Adm Service, 355 N. Lansing, Indianapolis IN 46202; PH 317-264-2206.
Asst Dean of Faculties, IUPUI (03) 02, 07, 21.
b. 1930 Indiana; M-5.
BS 1956, MS 1958, PhD 1959 Purdue Univ.
Fields: 014, 073, 062, 012.
Prev Emp: Act Dir of Div of Pub & Env Affairs, IUPUI, Indianapolis 1972-74; Cons., Intl Bank for Recon & Devl, Washington DC 1972-73; Prof, IUPUI, Indianapolis 1971- --.
Pub: Farmer Attitudes Towards Discounts and Service Charges, Purdue Univ 1973; Consumer Preference for Beef, VPI & St Univ 1972; Grain Export Industry Org. & Facilities in the U.S., Purdue Univ 1971.
Lang: Sp 3-3-3, Fr 3-3-3.
Mbr: IAAE.
Hon: Am Men & Women of Science.

JULIUS, Marvin G., 568-D East Hall IA St Univ, Ames IA 50011; PH 515-294-7518.
Professor, IA St Univ (03).
b. 1922 Iowa; M-4.
BS 1948, PhD 1968 IA St Univ.
Fields: 035, 039, 032.
Prev Emp: Co Ext Dir, IA St Univ, 1955-63.
Pub: Local Government Finance, IA St Univ 1971; Economic Base Study; Iowa Regions, IA St Univ 1970; Personal Property Tax Study, IA St Univ 1973.
Mbr: CDS.
Hon: Alpha Zeta.

JUNGMA, Frederick M., 4404 Milam, Bryan TX 77801.

JUNGUITO, Roberto, Calle 77 No. 8-01, Apt 201, Bogota Colombia.

JUST, Richard E., 207 Gianinni Hall, Univ of CA, Berkeley CA 94720; PH 415-642-2670.
(03) 07, 08.
b. 1948 USA; M-2.
BS 1969, OK St Univ; MA 1971, PhD 1972 Univ of CA, Berkeley.
Fields: 081, 021, 016, 017.
Prev Emp: Assoc Professor, OK St Univ, Stillwater 1972-75.
Pub: Investigation of the Importance of Risking Farmer's Decisions, AJAE 1974; A Methodology for Investigating the Role of Govt Programs in Farmers Decision, AJAE 1973; Econometric Anal. of Production Decisions, Giannini Foundation Monograph #33, 1974.
Mbr: AEA, Econometric; WAEA.
Hon: Outstanding Published Research by WAEA 1975.

JUSTICE, Travis D., PO Box 31, Little Rock AR 72203; PH 501-376-4601.
Dir, Livestock Activities, AR Farm Bureau Fed (52) 22, 19, 15.
b. 1950 Oklahoma; M.
BS 1972, MS 1975 OK St Univ.
Fields: 014, 018, 012, 151.
Prev Emp: Grad Asst, OK St Univ, 1973-74.
Pub: Optimum Number, Size and Location of Grain Handling Facilities in Oklahoma, OK St Univ 1975.
Mbr: SAEA.

JUSTIS, Paul G., 8900 Manchester, St Louis MO 63144; PH 314-968-1000.
Mgr, Econ Res, Doane Agr Service (51) 15, 07.
b. 1936 Kentucky; M-2.
BS 1958, MS 1960 Univ of KY.
Fields: 016, 018, 014, 081.
Mbr: NABE.

JUSTUS, Fred E. Jr., 706 Agr Sci Center, Dept of Agr Economics, Univ of KY, Lexington KY 40506; PH 606-257-2981.
Professor, Univ of KY (03) 07, 08.
b. 1930 Missouri; M-4.
BS 1951, MS 1952, PhD 1955 Univ of IL.
Fields: 012, 011, 013.
Prev Emp: Prof. Univ of MO, Columbia 1957-67; Vstg Prof., Garrett Theological Seminary, Evanston IL 1964.
Pub: Evaluating Management Factors, Jour of Am Soc Farm Mgrs & Rur Appr 1965; Labor: A Changing Input, Jour of Am Soc Farm Mgrs & Rur Appr, 1970; Analyzing Performance on Livestock Farm, Jour of ASFM&RA 1973.
Mbr: SAEA; ASFM&RA; KY-AFM&RA.
Hon: Who's Who in Am; Dir of Am Scholars.

KADLEC, John E., Dept of Agr Economics, Krannert Bldg, Purdue Univ, W. Lafayette IN 47907; PH 317-749-2066.
Professor, Purdue Univ (03) 20, 08, 07.
b. 1931 USA; M-4.
BS 1953, MS 1957, PhD 1960 Purdue Univ.
Fields: 012, 091, 011, 094.
Mbr: ASFM&RA; IN-SFM&RA.
Hon: Gamma Sigma Delta.

KAISER, Eddie H., 165 East Hall, Dept of Economics, IA St Univ, Ames IA 50010; PH 515-294-5436.
Grad Res Asst, IA St Univ (03) 23, 07.
b. 1950 Illinois; M.
BS 1972 Univ of IL.
Fields: 013, 011.

KAISER, Wilson K., USDA-ERS-NEAD, Room 107, 500 12th Street, Washington DC 20250; PH 202-447-4382.
Stat Agr, USDA-ERS (16) 07.
b. 1922 South Carolina; M-2.
BS 1954 Clemson Univ; MS 1957 Univ of DE.
Prev Emp: Agr Econ, Mktg Res Div, AMS-USDA, Washington DC 1958.
Hon: Phi Kappa Phi; Pi Epsilon Sigma.

KAKLI, M. Sulaiman, Planning Commission, Govt of Pakistan, Islamabad, Pakistan; PH 96-242-15.
Chief, Agr & Food Section, Planning Comm, Govt of Pakistan (78) 18, 15, 07.
b. 1925 British India; Citz: Pakistan; M-3.
BS 1945 Punjab Univ; MF 1949 Yale Univ; MS 1950 Univ of WI; PhD 1959 Univ of MI.
Fields: 017, 016, 075, 014.
Prev Emp: Dep Chf, Plng Comm, Govt of Pakistan, Islamabad, 1968-70; Asst Chf, Plng Comm, Govt of Pakistan, Islamabad 1961-68; Asst Dir, Am Friends of the Middle East, 1960-61.
Pub: New Programmes & Institutions for Agr Development in Pakistan, Islamabad, Pakistan 1975; Cost of Production of Major Crops, Average Leading Farmer, Punjab, Islamabad Pakistan 1975; Agricultural Planning in Pakistan, a Review, Islamabad Pakistan 1972.
Lang: Urdu; Other: Fr 2-2-1, Arabic 1-2-2, Ger 2-2-1, Persian 1-2-2.
Mbr: IAAE; ASF; Pakistan Assoc of Agr Econ, V. Pres 1971- --.
Hon: Who's Who in Science & Res; Wheeler Prize at Yale; 1st Prize in Econ & Agr Econ, Punjab Univ; Spec. Cert for Meritorious Serv, Plng Comm. Govt of Pakistan.

KALAITZIS, Vassilios C., Dept of Agr Econ MI St Univ, E. Lansing MI 48824; PH 517-355-7208.
Grad Student, 23, 07, 08.
b. 1941 Greece; Citz: Greece; M.
BS 1966 Univ of Thessaloniki; MA 1968 Oxford Univ; BA 1973 Univ of Thessaloniki; MA 1975 MI St Univ.
Fields: 060, 030, 017, 011.
Prev Emp: Res & Tchg Asst, Univ of Thessaloniki, Greece 1972-75.
Pub: Social Cost & the Marg Theory in Agriculture, Nea Agrotiki Epitheorisis, Athens Greece 1973; Farming Under Uncertain, NEA Agrotiki Epitheorisis, Athens Greece 1973; Group Farming, Observations, Hellenic Agr Econ Review, Thessaloniki Greece 1973.
Lang: Greek; Other: Eng 1-1-1, Swe 2-2-2.
Mbr: AEA.

KALDENBERG, Ronald, Dept of Economics, Mankato State College, Mankato MN 56001.

KALDOR, Donald R., Dept of Economics, IA St Univ, Ames IA 50011; PH 515-294-7518.
Professor, IA St Univ (03) 07, 08, 18.
b. 1917 North Dakota; M-2.
BS 1938 ND St Univ; MS 1939 VPI & St Univ; PhD 1942 IA St Univ.
Fields: 017, 040, 033, 070.
Prev Emp: Econ, Dept of Commerce, U.S. Govt, Washington DC 1950-51; Econ, Dept of State, U.S. Govt, Washington DC 1946-47; Econ, Office of Strategic Service, Washington DC 1943-46.
Pub: Rural Industrialization, London 1969; A Framework for Establishing Research Priorities, JFE 1966; Occupational Adjustment of Iowa Farm Operators Who Quit Farming, IA Agr Exp Sta 1975.
Hon: Dir of Am Scholars; Am Men & Women of Science.

KALTER, Robert J., 445 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-3095.
Assoc Professor, Cornell Univ (03) 07, 08.
b. 1940 Ohio; M-2.
BS 1962, MS 1964, PhD 1966 Univ of WI.
Fields: 020, 080.
Prev Emp: Staff Econ, Off of the Sec, USDI, Washington DC 1972-73; Asst Prof, Dept of Agr Econ, Cornell Univ, Ithaca NY 1966-72.
Pub: Energy Supply and Government Policy, Cornell Univ Press 1976; The Economics of OCS Leasing, AJAE 1975; The Economics of Water-Based Outdoor Recreation, Inst for Water Resources 1971.
Lang: Sp 3-0-0; Ita 3-0-0.
Mbr: AEA.

KAMENIDIS, Christos T., 1208 H University Village, East Lansing MI 48823.

KAMPE, Ronald E., 500 12th Street, Wash. DC 20250; PH 202-447-8811.
Agr Econ, USDA (16) 07.
b. 1921 Michigan; M-2.
BS 1953, MS 1959 MI St Univ.
Fields: 034, 030, 110.
Prev Emp: 4-H Club Agent, MI St Univ, 1954-57.

KANEL, Don., 310 King Hall, Univ of WI, Madison WI 53706; PH 608-262-3657.
Professor, Univ of WI (03) 07, 08, 02.
b. 1923 Poland; Citz: USA; M-2.
BS 1945, MS 1952, PhD 1954 Univ of WI; 1951-52 Univ of Chicago.
Fields: 073, 022.
Prev Emp: Asst-Assoc Prof, Univ of NE, Lincoln 1954-59, 1961-63; Vstg Prof, Panjab Univ, India 1959-61.
Pub: Farm Adjustments by Age Groups, JFE, 1963; Size of Farm and Economic Devl, Indian Jour of Agr Econ 1967; Property and Economic Power, Jour of Econ Issues 1974.
Lang: Pol 1-3-2, Sp 2-3-3.
Mbr: AEE.

KANGAYAPPAN, Kumar, 2420 Nicolet Drive, Green Bay WI 54302; PH 414-465-2578.
Assoc Professor, Univ of WI-Green Bay (03) 08, 07.
b. 1933 India; Citz: India; M-1.
BA 1956 Univ of Madras; MA 1958 Annamalai Univ; MA 1968, PhD 1968 Univ of WI.
Fields: 070, 060, 017, 130.
Prev Emp: Prof of Econ, Natl Inst of Bank Management, Bombay, India 1972-73; Graduate Research Asst, Univ of WI, Madison 1966-68; Asst Prof of Econ, College of Rural Higher Educ, Coimbatore, India 1959-64.
Pub: Some Policy Issues on Mitigating Poverty in India, Land Economics, Feb 1973; The Net Real Financial Asset Effects of Government Bonds: A Reinterpretation, Indian Econ Jour 1973; Reorganization of Indian Agriculture and Land Reform, India Econ Problems 1975.
Lang: Tamil; Other: Eng 1-1-1; Fr 3-0-0.
Mbr: AEA; MEA.

KARA, Mumin, Tarim, Bakanligi Planlama Arastirma Koordinasyon GN, MD, Necatibey CAD 98/6 Ankara, Turkey.
Agr Econ,MS, Aericultural Research (16) 15, 23.
b. 1942 Turkey; Citz: Turkey; M-2.
BS 1965 Aegean Univ; MS 1974 MT St Univ.
Fields: 035, 152, 159.
Prev Emp: County Agent, Fed Govt Dept of Agr, Bursa 1971; Res Asst, Fed Govt Dept of Agr Tarsus 1965; Researcher, Fed Govt Dept of Agr, Ankara 1974.
Lang: Turkish; Other: Eng 1-1-1, Ger 2-2-2.
Mbr: Turkish AEA.
Hon: Intl Who's Who (Europa)

KARPEH, Francis, Benson Street, Monrovia, Liberia.

KARR, Gerald L., Dept of Agr, Box 1305, Wilmington OH 45177.
Assoc Professor, Wilmington College (03) 08, 20, 02.
b. 1936 Kansas; M-2.
BS 1959 KS St Univ; MS 1962, PhD 1966 Southern IL Univ.
Prev Emp: Asst Prof, Central MO St, Warrensburg 1964-67; Asst Prof Univ of IL, Urbana 1967-72.
Pub: Costing of Mech Cultivation, World Crops 1972; Strategies for Increasing Rice Production, African Studies Review 1973; Labor in Upland Rice Production, Jour of Agr Econ 1973.
Mbr: AEA; NACTA; Sierra Leone Agr Society.

KASAL, James M., NRED-ERS-USDA, Economics Dept, CO St Univ, Ft Collins CO 80523; PH 303-484-3093.
Agr Econ, USDA (16) 07, 23.
b. 1936 Minnesota; M-1.
BA 1964 College of St Thomas; MA 1966 Univ of MN, Intermittent 1970-75 CO St Univ.
Fields: 026, 017, 021, 022.
Prev Emp: Res Asst, Univ of MN, St Paul 1965-66; Personnel Clerk, U.S. Army 1960-62.
Pub: An Economic Evaluation of Great Plains Program, ERS-USDA, Washington DC 1970; An Analysis of Economic Impacts of five Colorado Watershed Projects, ERS-SCS-USDA, Lincoln NE 1972; Trade-Offs Between Farm Income and Environmental Objectives, ERS-USDA, Washington DC 1976.
Lang: Fr 3-0-0.
Mbr: WAEA.

KASPER, Victor, Jr., Agr Econ, Cook College, Rutgers Univ, New Brunswick NJ 08903; PH 201-932-9270.
Res Assoc, Rutgers Univ (03) 07,18, 19.
b.1947 New York; M.
BS 1969 Rutgers College; MS 1972 Rutgers Graduate School.
Fields: 111, 112, 038, 071.
Pub: Economic Considerations for Planning Sewage Disposal Systems, Symposium 1974; Urbanization: Its Effect on Land Use, Local Services and Public Finance, A Case Study, Rutgers Univ 1971.
Lang: Fr 3-3-3.
Mbr: NAEC.

KATZ, Saul M., Univ of Pittsburgh, Pittsburgh PA 15260; PH 412-624-4761.
Prof, Univ of Pittsburgh (03) 08, 07, 22.
b. 1915 New York; M-4.
BS 1940, MS 1943 Cornell Univ; AM 1950, MPA 1949, PhD 1953 Harvard Univ.
Fields: 070, 017, 091, 150.

Prev Emp: Prog. Off. AID (ICA) to 1961; Agr Econ, USDA; Chf of Food, Agr & Forestry, U.S. Military Govt, Hesse, Germany.
Lang: Sp 1-2-1, Ger 1-2-1.
Mbr: AEA; ASPA; IAAE.
Hon: Who's Who in Am; Am Men & Women of Science.

KAU, Paul Kun Y., Alcorn State University, Box 209, Lorman MS 39096.

KAY, Ronald D., 312 Agr Bldg, TX A&M Univ, College Station TX 77843; PH 713-845-5635.
Assoc Professor, TX A&M Univ (03) 08, 07.
b. 1934 Iowa; M-3.
BS 1956, PhD 1971 IA St Univ.
Fields: 012, 011.
Prev Emp: Instr, IA St Univ, Ames, 1964-71; Prof Farm Mgr, Hertz Farm Mgmt Co, Nevada IA 1960-64.
Mbr: SAEA; WAEA; ASFM&RA.
Hon: Gamma Sigma Delta; Alpha Zeta; Phi Kappa Phi.

KEARL, Willis G., Box 3354, Univ Station, Univ of Wyoming, Laramie WY 82071; PH 307-766-3116.
Prof of Agr Econ, Univ of WY (03) 07, 09, 08.
b. 1927 Utah; U.
BS 1949, MS 1951 UT St Univ; PhD 1968, Univ of CA, Berkeley.
Fields: 012, 011, 014, 026.
Prev Emp: Agr Econ, ERS-USDA, Davis CA & Laramie WY 1958-62; Agr Econ, UT St Univ, Logan 1954-55; Agr Econ, BAE-USDA, Logan UT 1950-51.
Lang: Sp 3-0-0.
Mbr: ASRM; ASAS; ASFM&RA.
Hon: Phi Kappa Phi; Alpha Zeta, Danforth Fellow.

KEATING, Alfred W., 225 Touhy, Park Ridge IL 60068.

KEELER, Joseph T., 301-U Bilger Hall, Dept of Agr & Res Econ, Univ of Hawaii, Honolulu HI 96822.

KEEN, Robert C., Dept of Agr Econ, Purdue Univ, W Lafayette IN 47902; PH 317-494-1710.
Graduate Res Teacher, Purdue Univ (03) 08, 07, 23.
b. 1948 Alabama; M.
BS 1970, MS 1972 Auburn Univ; PhD 1976 Purdue Univ.
Fields: 141, 091, 017, 039.
Prev Emp: Grad Res Asst, Auburn Univ, AL 1970-72; Asst to Dean of Students, Auburn Univ 1972-74.
Pub: Employment and Wages in Indiana 1963-73, Purdue Univ Ext 1975.
Mbr: SAEA; AL Acad of Science; Farmhouse Fraternity, Intl Brd of Director.
Hon: Who's Who Among Students in Am Universities & Colleges; Alpha Zeta; Gamma Sigma Delta; Omicron Delta Kappa; Omicron Delta Epsilon.

KEHRBERG, Earl W., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-749-2066.
Prof, Purdue Univ (03) 07, 08, 02.
b. 1918 South Dakota; M-2.
BS 1949, PhD 1953 IA St Univ.
Fields: 011, 080.
Pub: Wirtschaftslehre Der Landwirtshaftlichen Produktion, Book, Germany 1969; Farms and Ranches in Encyclopedia of Accounting Systems, Prentice Hall 1976.
Lang: Por 1-1-1, Ger 3-0-0.
Mbr: ASA.
Hon: Phi Kappa Phi; Gamma Sigma Delta; Sigma Xi.

KEITH, John E., UMC 82, Utah St Univ, Logan UT 84322; PH 801-752-4100.
Res Asst Professor, UT St Univ (03) 07, 08.
b. 1940 Idaho; M-2.
BS 1968, MS 1971, MA 1972, PhD 1973, UT St Univ.
Fields: 021, 025, 152, 026.
Prev Emp: Res Econ, UT St Univ, Logan 1972; Res Asst, UT St Univ, Logan, 1969.
Pub: Opportunity Cost of Time in Demand Estimate for Non Market Resources, Jour of Leisure Res 1975; The Economic Efficiency of Inter-Basin Transfers of Agricultural Water in Utah, Dissertation UT St Univ 1973.
Mbr: AEA; WAEA; WEA.
Hon: Xi Sigma Pi, Univ Summer Fellow, UT St Univ; NSF Traineeship.

KEITH, Kendall W., 557 Agr Hall, Dept of Agr Economics, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Res Asst, OK St Univ (03) 23, 07.
b. 1951 Oklahoma; M.
BS 1973, MS 1975 OK St Univ.
Fields: 018, 017.
Prev Emp: Res Asst, OK St Univ 1973-76.
Pub: Beef Cycle the 1970's: Warning Signals, OK St Univ 1975.
Mbr: SAEA.

KELLER, Luther H., Dept of Agr Econ, Univ of TN, Knoxville TN 37916; PH 615-974-7231.
Professor, Univ of TN (03) 07, 08.
b. 1928 Tennessee; M-5.
BS 1950, MS 1955 Univ of TN; PhD 1966 Univ of KY.
Fields: 011, 016, 088, 017.
Prev Emp: Instr, Univ of KY 1956-60.
Pub: Investment Behavior of Farm Firms, SJAE 1974; Beef Feeding Systems and Opt Farm Organization, TN Agr Exp Sta 1971;

Identifying Managerial Processes, TN Agr Exp Sta 1969.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: SAEA, Sec-Treas 1970-73; NACTA; TN SFM&RA.
Hon: Phi Kappa Phi; Gamma Sigma Delta; Omicron Delta Kappa.

KELLEY, Paul L., Dept of Economics, KS St Univ, Manhattan KS 66506; PH 913-532-6708.
Prof & Dept Head, KS St Univ (03) 02, 07, 08.
b. 1920 Kansas; M-8.
BS 1943,MS 1946 KS St Univ; PhD 1956 IA St Univ.
Fields: 014, 017, 073.
Prev Emp: Professor 1962-67; Assoc Prof. 1957-62; Asst Prof 1947-57 KS St Univ.
Pub: Selecting Representative Firms in Linear Programming, KS Agr Exp Sta Tech Bull #159, 1968; Income Prospects and Trends for Different Strata of Farms, KS St Univ 1974; Evaluation of Grain Management Program Simulation Model Being Developed for Korea by Michigan State University, KSU Rpt #44, 1974.
Mbr: AEA; WAEA; IAAE.
Hon: Phi Kappa Phi; Gamma Sigma Delta; Alpha Zeta.

KELLOGG, Earl D., 305 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 61801; PH 217-333-1825.
Assoc Professor, Univ of IL (03) 08, 07.
b. 1941 Kansas; M-2.
BS 1963, KS St Univ; PhD 1971 MI St Univ.
Fields: 073, 031, 017.
Prev Emp: Proj Spec, Ford Foundation, Thailand 1975-77; Asst to Asst Sec., Rural Devl, USDA, Washington DC 1972-73.
Pub: Temporal and Spatial Model Nigerian Beef Distribution System, PhD Thesis 1971; Impact of Alternative Policy Strategies on Panjab Agriculture- A Simulation Analysis, Univ of IL, Agr Econ Res Rpt #123, 1973; Impact of Public Policy on the Development of Rural Areas: The U.S. Experience, Econ Comm for Europe, Geneva 1974.
Lang: Thai 0-0-2.
Mbr: IAAE.
Hon: Outstanding Young Men in America; Gamma Sigma Delta; Alpha Zeta.

KELSEY, Myron P., Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-353-4520.
Professor, MI St Univ (03) 09.
b. 1931 New York; M-2.
BS 1953, MS 1956 Cornell Univ; PhD 1959 Purdue Univ.
Fields: 012, 013, 011.
Pub: MI Farm Estate Planning, Lansing MI 1974.
Mbr: ASFM&RA.
Hon: Outstanding Spec Award, MI Assn of County Agr Agents.

KELSO, Maurice M., Dept of Agr Econ, Univ of Arizona, Tucson AZ 85721; PH 602-884-3437.
Professor Emeritus, Univ of AZ (03) 26, 07.
b. 1905 South Dakota; M-2.
BS 1927 Univ of MN; MS 1930 CT St College; PhD 1933 Univ of WI.
Fields: 021, 088, 038, 033.
Prev Emp: Prof, Univ of AZ, Tucson 1958-71; Dean & Dir, MT St College 1953-58; Prof & Head, MT St College 1946-53.
Pub: Water Supplies & Econ Growth in an Arid Environment, Univ of AZ Press 1973; Critical Appraisal of Agr Econ in Mid-Sixties, JFE 1965; The "Water is Different" Syndrone Am Water Res Assn 1967.
Mbr: AEA; WAEA, Pres. 1952-53.
Hon: Fellow-AAEA 1968; Best Pub Res 1973.

KEMMERLE, Stephen, 1207 Columbia Avenue, Cinnaminson NJ 08077.

KEMPH, Gary S., Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-351-3339.
Res Asst, MI St Univ (03) 23, 07.
b. 1946 Texas; M-1.
BS 1968, MS 1975 TX A&M Univ.
Fields: 073, 078, 085, 118.
Prev Emp: Teaching/Res Asst, TX A & M Univ 1973-75; Range Conservationist, Soil Cons. Serv, Maffa TX 1972-73; Officer, U.S. Army, Canal Zone 1968-72.
Pub: Cool-Season Species Survival Under Texas Transpecos Conditions, Jour of Range Mgmt 1976; Measuring Fibrous Roots with a Leaf Area Meter, Jour of Range Mgmt, 1976.
Lang: Sp 1-2-2.
Mbr: SID; IAAE; SRM.
Hon: Who's Who in American Colleges & Universities; Outstanding Student Coll of Agr; Dist. Military Graduate; Outstanding Senior-Range Science Dept.

KENDALL, James R., 218 Federal Bldg, Springfield IL 62701; PH 217-525-4295.
Agr Stat., USDA Stat Reporting (22) 06.
b. 1920 Ohio; M-3.
BS 1942 OH St Univ.
Fields: 016, 018, 011.
Prev Emp: Deputy Dir, Agr Estimes Div SRS, Washington DC 1968-72; Head, Grain & Hay Section, Agr Estimes Div SRS, Washington DC 1966-68; St in Charge, USDA, Columbus OH 1961-66.
Mbr: Org of Prof Employee Dept of Agr Fed Exec Assn of Springfield, Sec. Tr. 1974-75, Vice Pres. 1975-76.

KENNEDY, George, 2075 Wesbrook Place, Vancouver BC Canada V6T 1W5; PH 604-228-5685.
Asst Professor, Univ of British Columbia (03) 07, 08.
b. 1946 Canada; Citz: Canada; U.
BA 1968 Univ of BC; MS 1970 Univ of MN; PhD 1973 Purdue Univ.
Fields: 017.

Prev Emp: Res Economist, Agr Canada, Vancouver 1974-76.
Pub: Price Stabilization Through Deficiency Payments, CJAE 1975.
Lang: Fr 2-2-3.
Mbr: CAES.

KENNEDY, John O.S., Dept of Economics, LaTrobe Univ, Bundoora, Victoria, Australia 3083; PH 478-3122.
Lecturer, LaTrobe Univ, Melbourne (03) 08, 07.
b. 1947 Scotland; Citz: UK; U.
BS 1968 Univ of Bristol; PhD 1971 Univ of London.
Fields: 062, 026, 084, 011.
Prev Emp: Research Fellow, Univ of New England, Australia, 1971-74.
Pub: A Model for Determining Optimal Feeding and Marketing Policies for Beef Cattle, JAE, 1972; Control Systems in Farm Planning, Eur Rev Agr Econ 1974; Measuring Farmers Trade-Offs Between Expected Income and Focus-Loss Income, AJAE 1975.
Lang: Fr 2-2-3, Sp 3-3-3.
Mbr: Australia AES; AES.

KENNEDY, R.N., The Upjohn Co., Kalamazoo MI 49001.

KENNEDY, Rex P., Dept of Agr Econ, PO Box 4169, TX Tech College, Lubbock TX 79409.

KENNEDY, Virgil D., PO Box 300, Univ of Idaho, Boise ID 83701; PH 208-384-3208.
Farm Mgmt Spec, Univ of ID (03) 09.
b. 1917 Oregon; M-2.
BS 1940 OR St Univ; MS 1942 IA St Univ.
Fields: 012, 017, 018, 031.
Prev Emp: Captain, USMCR, CA 1942-45.
Mbr: ASFM; WAEA; CDS.

KENNEY, Mary C., Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506.
Res Asst Student, Univ of KY, 07.
b. 1936 Wisconsin; M-4.
BS 1974 St Joseph Univ, Philadelphia; 3 years Marquette Univ.
Fields: 010, 090, 100, 017.
Lang: Fr 2-0-0.
Mbr: Agr Econ Grad Club, Sec. 1975-76.

KENYON, David E., Dept of Agr Econ, VPI & St Univ, Blacksburg VA 24061; PH 703-951-5265.
Assoc Professor, VPI & St Univ (03) 07, 08, 09.
b. 1944 Washington; M-3.
BS 1966 WA St Univ; MS 1968, PhD 1971, Univ of CA, Davis.
Fields: 014, 018, 016, 081.
Prev Emp: Asst Prof, VPI & St Univ 1970-76.
Pub: Grain Storage in the Deficient South Atlantic Region, Reg Div Bull #90, VPI & St Univ 1974; Short-Term Soybean Acreage Projection, Res Div Bull #106, VPI & St Univ 1975.
Mbr: SAEA, Ed Council 1971-73.

KEPNER, Karl, Dept of Agr Econ, Purdue University, W. Lafayette IN 47906.

KERACHSKY, Stuart H., P O Box 2393, Princeton NJ 08540; PH 609-799-2600.
Researcher, Mathematica Policy Research (51) 07, 18.
b. 1947 Connecticut; M.
BA 1969 Univ of CT; MS 1972, PhD 1975, Univ of WI.
Fields: 120, 040, 030.
Prev Emp: Proj. Asst, Inst for Res on Poverty, Univ of WI 1973-74.
Pub: Employment Decisions Involving Two Labor Markets, Univ of WI 1975.
Mbr: AEA.
Hon: Phi Beta Kappa; Phi Kappa Phi.

KERBER, Michael J., Swift Edible Oil, Blinn Road, Frankfort IN 46041; PH 317-654-4411.
Manager, Swift Edible Oil (51) 10, 15, 11.
b. 1944 Illinois; M-1.
BS 1966 Western IL Univ; MS 1968 Southern IL Univ.
Fields: 091, 016, 014, 018.
Prev Emp: Crude Oil Sales, Swift Edible Oil, Chicago 1973-74; Soybean Meal Sales, Swift Edible Oil, Fostoria OH 1971-73; Grain Merchandiser, Tabor & Co, Decatur IL 1970-71.
Pub: Foreign Countries as a Potential Market for Illinois Soybeans, Southern IL Univ 1967.
Mbr: IGFD; ASA.
Hon: Alpha Zeta.

KESLER, Richard P., 305 Mumford Hall, Dept of Agr Econ, Univ of Illinois, Urbana IL 61801; PH 217-333-0752.
Asst Prof, Farm Mgmt, Univ of IL, (03) 09, 20.
b. 1928 Illinois; M-4.
BS 1955, MS 1965 Univ of IL.
Fields: 012, 013, 018.
Prev Emp: Fieldman, IL FBFM Assn, Morton IL 1956-65.
Pub: An Economic Evaluation of Liquid Manu Disposal from Confinement Finishing Hogs Univ of IL 1966; Annual Summary of IL Farm Business Records, Univ of IL 1965-7
Mbr: ISFM&RA, Sec Tr 1970- --; ASFM&RA.

KEIS, Alan, Dept of Agr Economics, WA St Univ, Pullman WA 99163.

KEZIS, Alan, Dept of Agr Econ, WA St Univ, Pullman WA 99163.

KHALDI, Nabil, Graduate School of Business Iona College, New Rochelle NY 10801; PH 914-636-2100.
Assoc Professor, Iona College (03) 08, 07.
b. 1936 Palestine; Citz: USA; M.
BA 1960, MB 1962, PhD 1973 Southern Methodist Univ.
Fields: 041, 062, 081, 073.
Prev Emp: Asst Prof, Univ of Dallas, Irving TX 1969-70; Asst Prof, W. TX St Univ, Canyon TX 1968-69; Instr, TX Wesleyan College, Ft Worth 1967-68.
Pub: Education & Allocative Efficiency in U.S. Agriculture, AJAE, Nov 1975.
Lang: Arabic; Other: Eng 1-1-1.
Mbr: ASE.
Hon: 1972-73 Manpower Adm Grant for PhD Dissertation #31-46-70-06; Productive Value of Educ in U.S. Agr, 1964; N.S.F. Grant 1974 Natl Teaching Fellowship 1967.

KHAN, Anwar, Dept of Economics, NC A&T St Univ, Greensboro NC 27411; PH 919-379-7744.
Assoc Professor, NC A&T St Univ (03) 08, 01, 07.
b. 1940 India; Citz: Pakistan; M-1.
BA 1960, MA 1962, Punjab Univ, Pakistan; MA 1967, PhD 1972 Univ of WI.
Fields: 112, 062, 063, 014.
Prev Emp: Asst Prof. 3 years; Instr 1 yr NC A&T St Univ; Teaching Asst, Univ of WI, Madison (1 year).
Pub: An Economic Analysis of 1980 International Trade in Jute With Special Reference to Pakistan, PhD Dissertation 1972.
Lang: Urdu 2-2-2, Punjabi 2-2-2.
Mbr: AEA; SEA.
Hon: Leaders in Educ; Outstanding Educators of America 1973.

KHAN, Mahmood H. Dept of Econ & Comm, Simon Fraser Univ, Burnaby BC Canada V5A156; PH 604-291-4514.
Assoc Professor, Simon Fraser Univ (03) 08, 07.
b. 1937 British India; Citz: Canada; M-2.
BS 1957, MA 1960 Univ of Sind, Pakistan; MS 1963 Inst Soc Studies, The Hague; PhD 1966 Agr Univ, Holland.
Fields: 073, 076, 022, 011.
Prev Emp: Lecturer, Tandojam, Pakistan 1960-61.
Pub: The Role of Agric in Econ Development, Netherlands 1966; The Econ of the Green Revolution in Pakistan, New York 1975.
Lang: Urdu; Other: Eng 1-1-1.
Mbr: AEA; IAAE; CSAS.
Hon: Am Men & Women of Science.

KIEHL, Elmer R., 2-69 Agr Econ, Univ of Missouri, Columbia MO 65201; PH 314-882-3846.
Dean, Coll of Agr, Dir, Agr Exp Sta, Univ of MO (03) 02.
b. 1916 Missouri; M-4.
BS 1942, MA 1950 Univ of MO; PhD 1958 Harvard Univ.
Fields: 017, 031, 112, 101.
Prev Emp: Chairman, Agr Econ 1957-60; Prof. 1949-57, Ext Livestock Mktg Spec 1947-49, Univ of MO, Columbia.
Lang: Ger 2-2-2, Fr 3-3-3.
Mbr: AFEA; ES. Hon: Who's Who in Am.

KIENE, Werner, 320 East 43 Street, New York NY 10017; PH 212-573-4864.
Prog. Adv., The Ford Foundation (70) 18, 04, 07.
b. 1942 Austria; Citz: Austria; M-1.
Dipl Ing. 1967 Univ of Vienna; MS 1971 MI St Univ; PhD 1972 MI St Univ.
Fields: 017, 111, 067, 042.
Prev Emp: Program Officer, Ford Found, New York 1973-75; Res Asst, MI St Univ, 1972-73; Grad Asst, MI St Univ 1969-72.
Pub: Social Services Utilization, Socio-Econ Planning Sciences 1975; Impact of Health Care on Activity Levels, MI St Univ 1972; Tarifs Versus Deficiency Payments, Zeitschr fuer Wirtschu Soz Wiss 1972.
Lang: German; Other: Fr 1-1-1, Sp 1-3-2.
Mbr: AEA; IAAE; AAAS.
Hon: Fulbright Fellowship 1967.

KIESSLING, Hans J., 330 Commerce West, Urbana IL 61801; PH 217-333-7545.
Grad Student, Univ of IL (03) 23, 07.
b. 1946 Germany; Citz: Germany; M.
Ing Agr 1973 Univ of Gottingen, Germany.
Fields: 018, 082, 112.
Lang: German; Other: Eng 1-1-1.

KIKER, Clyde F., Food & Res Econ Dept, Univ of Florida, Gainesville FL 32611; PH 904-392-2394.
Asst Professor, Univ of FL (03) 07, 08.
BS 1962, MS 1965, PhD 1973 Univ of FL
b. 1939 Florida; M-4.
Fields: 021, 011, 026, 153
Prev Emp: Asst Prof Univ of KY 1973-74; Asst Prof, Kingston Jamaica, Univ of FL 1966-68.
Pub: River Basin Simulation as a Means of Determining Operational Policy for a Water Control System, Univ of FL 1973.
Lang: Fr 3-0-0.
Mbr: ASAE; SAEA.

KILMER, Richard L., USDA-ERS-NEAD, Rm 120, 500 12th Street, SW, Washington DC 20250; PH 202-447-7147.
Agr Econ, USDA-ERS-NEAD (16) 07.
b. 1943 Indiana; M-3.
BS 1965, MS 1967 Purdue Univ; PhD 1975 OH St Univ.
Fields: 014, 101, 102.
Prev Emp: Grad Res Assoc, OH St Univ 1972-75; Officer, U.S. Air Force 1968-72; Grad Res Assoc, Purdue Univ 1965-67.
Pub: The Effect of Government Policy Instruments on Market Structure and Performance of the Ohio Fluid Milk Processing Industry, Dissertation, OH St Univ 1975; The Impact of Regulation on Transportation Efficiency, ESS 514, OH St Univ 1974.
Mbr: AEA.

KIM, Chung Y., #5-153 Dong Kyo Dong, Mapo KU, Seoul, Korea.

KIM, IN S., 261-4 Singil 3 Dong, Yeung Deung PO-Gu, Seoul, Korea.

KIM, Jongbin, Shinsung Chemical Ind Co Ltd, Daechang Bldg 3rd Floor, 42, Changkyo-Dong, Chung-Ku, C.P.O. Box 5451, Seoul, Korea.

KIM, Sang-OK, The Mins of Agr & Fishery of the Republic of Korea, Seoul, Korea.

KIMMEL, Donald C., 1776 F Street NW, Washington DC 20437; PH 202-634-6200.
North American Representative, FAO (60) 01, 03.
b. 1920 Pennsylvania; M-4.
BS 1941, MS 1948, PhD 1950 PA St Univ.
Fields: 110, 040, 030, 090.
Prev Emp: Dep. Dir, Agr Oper Div, FAO, Rome 1974; Chief, Oper Serv Human Res & Inst Div, FAO, Rome 1968-74; Dep Dir, FAO, Rome, 1962-68.
Pub: Org & Mgmt of Projects to Establish the Agr Institutions Req for Integrated Rural Devl, Rome 1971; A System of Institutions & A Strategy for Accelerated Agr Development, Rome; Rural Development: Some FAO Thoughts on Problems and UN Systems Contributions to Their Solution, Rome.
Lang: Sp 2-0-0., Ita 2-0-0, Fr 2-0-0.
Mbr: Cosmos Club; SID; UN Assn.
Hon: Who's Who in the United Nations; Hon. Educ Fraternity, 1939; Alpha Tau Alpha.

KING, David, Canadian Fed of Agr, 111 Sparks Street, Ottawa, Ontario, Canada.

KING, David A., School of Renewable Nat. Resources, Univ of Arizona, Tucson AZ 85721; PH 602-884-3241.
Professor, Univ of AZ (03) 07, 08, 02.
b. 1932 Minnesota; M-2.
BS 1954, MF 1961, PhD 1965 Univ of MN.
Fields: 025, 023, 026.
Prev Emp: Assoc Econ, USDA Forest Serv. St Paul MN, 1961-66.
Pub: Forestland Classification for Property Tax Assessment Purposes in Wisconsin, Land Economics 1963; Socio-economic Variables Related to Camp-site Use, Forest Science 1968; Toward More Effective Natural Resource Planning, Trans of North Am Wildlife, Nat Res Conf 1972.
Lang: Fr 3-3-3.
Mbr: AEA; SAF.
Hon: Who's Who in America.

KING, David J., USAID AD-AD, Am Embassy, Manila APO San Francisco CA 96528.
Agr Res Advisor, USAID (24) 07, 08, 09.
b. 1944 Great Britain; Citz: UK; M-2.
BA 1965 Univ of Nottingham; MA 1966, PhD 1968 Univ of WI.
Fields: 022, 073, 121, 088.
Prev Emp: Adj. Asst Prof, Univ of WI 1972-75; Lecturer, Univ of Ife, Nigeria 1968-72.
Pub: Critique of Approaches to Agr Devl in Western Nigeria, PhD Dissertation 1968; Land Ref & Pepn of Rural Poor in Devl Proc of Af Countries, IBRD 1973.
Lang: Fr 2-2-3.
Mbr: SID; AAEE; AEA.

KING, Francis R., 200 Winslow Hall, Univ of Maine, Orono ME 04473; PH 207-581-7455-
Assoc Professor, Univ of ME (03) 08, 07.
b. 1935 Massachusetts; M-4.
BS 1957, MS 1963 Univ of MA; PhD 1972 Univ of CT.
Fields: 014, 093, 015.
Pub: Plant Location: Two Applications of Theory, Proceedings Reg Devl Conf 1973; Optimum Location Number and Size of Potato Packing Plants, JNAEC 1974.
Mbr: NAEC; EEA; PKP.

KING, Gordon A., 644 Coolidge Street, Davis CA 95616.

KING, Norman B., 1507 Yakima Avenue, Sunnyside WA 98944; PH 509-837-4823.
Farmer (75) 21, 07.
b. 1943 Washington; M.
BA 1966 Univ of WA; BA 1973, MA 1976 WA St Univ.
Fields: 011, 012,
Prev Emp: Res Assoc. WA St Univ 1973-75; Counselor, WA St Univ 1970-73; Officer, U.S. Army 1967-69.
Pub: The Economic Impact of Lowered Pesticide Use in Yakima Valley Orchards, Pullman WA 1976.
Mbr: WAEA.

KING, Richard A., PO Box 5368, Raleigh NC 27607; PH 919-737-2619.
M.G. Mann Professor, NC St Univ (03) 07, 08.
b. 1922 Massachusetts; M-4.
BS 1946 Univ of CT; MS 1947 Univ of CA, Berkeley; MPA 1948, PhD 1951 Harvard Univ.
Fields: 014, 032, 075, 065.
Prev Emp: Vistg Prof, Univ of CA, Berkeley 1969; Vistg Prof, Universidad Agraria, Peru, 1964-65; Asst Prof, Univ of CT, 1948-50.
Pub: Markets, Prices and Interregional Trade, John Wiley, New York 1970; Agricultural Development of Peru, Praeger, New York 1969; Interregional Competition Research Methods, NC St Univ 1965.
Lang: Sp 3-2-3, Fr 3-1-1.
Mbr: AEA; SEA; SAEA, President 1976.
Hon: Who's Who in America; Am Men & Women of Science; Cert of Merit; Gamma Sigma Delta; NC St Univ Acad of Outstanding Teachers, 1967; Post-Doctoral Fellow, Univ of Chicago 1955-56.

KING, Robert, Dept of Agr Econ, MI State Univ, East Lansing MI 48824.

KING, William H., Oakham Road, New Braintree MA 01531.

KINNE, Ivan L., 505 King Avenue, Columbus OH 43220; PH 614-424-6424.
Mgr, Resource Program Office, Battelle Columbus Labs (70) 18, 07, 04.
b. 1931 New York; M-2.
BS 1953 Cornell Univ; 1955-56 IA St Univ; PhD 1960 Cornell Univ.
Fields: 014, 015, 073, 093.
Lang: Sp 3-0-3.

KINSEY, Bill H., School of Devl Studies, Univ of East Anglia, Norwich, Norfolk, England NR4 7TJ; PH Norwich 56161.
Lecturer in Devl Studies, Univ of East Anglia (03) 08, 07, 22.
b. 1942 Georgia; M.
BA 1964 Washington & Lee; 1967 Harvard Univ; MA 1968, PhD 1977 Stanford Univ.
Fields: 073, 011, 077, 017.
Prev Emp: Consultant, IBRD, Africa 1972-75; Agr Econ, UNDP, Tanzania 1974-75; Res Assoc, Makerere Univ, Uganda 1971.
Pub: Rural Development in Malawi, Studies in Empl & Rural Devl No. 9, IBRD 1974; Overcoming Impediments to the Effective Marketing of Staples, Norwich 1975; Design Considerations for Project Evaluation Systems, IDS Review 1976.
Lang: Swahili 1-1-1, Fr 1-3-3.
Mbr: AEA; SID; EAAES.
Hon: W.W. Wyckoff Natl Scholarship-Leadership Award 1964; Natl Sci Found. Fellow 1969-71; Natl Defense For. Lang Fellow 1968-69.

KINSEY, Jean D., Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-2219.
Post Grad Agr Res Economist, Univ of CA, Davis (03) 07, 23.
b. 1941 Wisconsin; M.
BA 1963 St Olaf College; MS 1966 Univ of CA, Davis; 1966 UCLA; 1966-72 CA St Univ, Sacramento.
Fields: 050,017, 102.
Prev Emp: Lecturer, Univ of CA, Davis, 1975-76; Teacher, Rancho Cordova 1966-72.
Pub: The Development of Californias Office of the Consumer Council, MS Thesis 1966.
Mbr: AEA; WEA; ACCI.

KINSINGER, Kenneth E., 32 Inverness Road, Norwood MA 02062; PH 617-769-2547.
Consultant, Agribusiness, Self-Employed (75) 19, 18, 10.
b. 1915 Illinois; M-2.
BS 1937 MS 1941 Univ of IL.
Fields: 090.
Prev Emp: United Brands Co., Boston MA 1961-74; Swift & Company, Chicago 1945-61; Univ of IL, Urbana 1938-42.
Mbr: AMA.
Hon: Intl Bibliography.

KIPPS, Paul H., Dept of Economics, Madison College, Harrisonburg VA 22801; PH 703-433-6614.
Professor, Madison College (03) 08, 07, 02.
b. 1932 Virginia; M-2.
BS 1958, MS 1965 VPI & St Univ; PhD 1968 Cornell Univ.
Fields: 035, 071, 062, 141.
Prev Emp: Assoc Prof, Madison College, 1969-74; Asst Prof, Madison College 1968-69; Res Asst, Cornell Univ 1968.
Pub: Some Reflections on the Phillips Curve, VA Social Sci Jour 1975; The Use of Course Evaluation Scores to Influence Teaching and Research Activities, Jour of Econ Educ 1975.
Lang: Sp 2-3-2.
Mbr: AEA; SEA; SAEA.
Hon: Am Men & Women of Science.

KIRKBRIDE, John W., Room 0204 South Bldg, Washington DC 20250; PH 202-447-2122.
Director, Est Div, Stat Reporting Serv, USDA (22) 06.
b. 1918 Kansas; M-2.
BS 1940 KS St Univ; 1940-41 IA St Univ.
Hon: Alpha Zeta; Superior Service Award USDA.

KIRSTEN, J. F., Vredenhof, Northern Paarl 7645 South Africa.

KIRTLEY, M. Brice, 312 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 61801.
Extension Econ, Univ of IL (03) 09.
b. 1917 Missouri; M-3.
BS 1941, MS 1951 Univ of MO; PhD 1955 Univ of IL.
Fields: 014, 018.

KISER, Harvey L., PO Box 28328, 725 15th Street NW, Washington DC 20005; PH 202-783-2024.
Dir of Econ Services, Natl Grain & Feed Assn (53) 27, 07.
b. 1937 Ohio; M-3.
BS 1959, MS 1963, PhD 1966, OH St Univ.
Fields: 014, 017.
Prev Emp: Res Asst, OH St Univ 1962-66; Youth Minister, Cuyler Ave Methodist Church, Oak Park 1961-62.
Lang: Sp 3-0-0.
Mbr: APCA.
Hon: Gamma Sigma Delta.

KISH, John J., 400 - 320 9 Avenue SW, Calgary, Alberta, Canada T2P 1K5; PH 403-261-3666.
Exec Secretary, Canadian Simmental Assn, (53) 04, 10.
b. 1941 Canada; Citz: Canada; M-2.
BS 1971, MS 1972 Univ of Alberta.
Fields: 035, 014.
Prev Emp: Dir of Research, Ontario Fed of Agr 1972-74; Grad Student, Univ of Alberta, Edmonton, Canada.
Pub: Evaluation of a Rural Industrialization Project, Edmonton 1972.
Lang: Hun 0-0-2.
Mbr: CAEA; AEA.

KISLEV, Yoav, P O Box 12, Rehovot, Israel; PH 03-953-503.
Sr Lecturer, Hebrew Univ (03) 08, 07, 02.
b. 1932 Israel; Citz: Israel; M.
BS 1960, MS 1961 Hebrew Univ; PhD 1965 Univ of Chicago.
Fields: 020, 063.
Prev Emp: Vistg Scholar, Yale Univ 1970-72; Asst Prof, Roosevelt Univ, Chicago IL 1964-65.
Pub: Agricultural Research and Productivity, Yale Univ Press 1975.
Lang: Hebrew; Other: Eng 1-1-2.
Mbr: AEA, ES.

KIZER, Lennie G., Dept of Agr Econ, P O Box 5187, MS St Univ, Mississippi State MS 39762; PH 601-325-2750.
Assoc Prof & Econ, MS St Univ (03) 07, 08.
b. 1932 Missouri; M-2.
BS 1954, MS 1958 Univ of MO; PhD 1971 PA St Univ.
Fields: 013, 012, 011, 084.
Prev Emp: Asst Prof, PA St Univ 1963-75; Grad Asst, Univ of MO 1957-58; U.S. Army 1954-56.
Pub: Optimum Machinery Systems, JNAEC 1973; Dairy Housing & Feed Storage Systems, Sci in Agr, PA State; Optimum Systems Lg Pa Dairy Farms, PA St Univ 1974.
Hon: Gamma Sigma Delta; Pi Gamma Mu.

KLAYMAN, Maxwell I., Dept of Econ, Pahlavi Univ, Shiraz, Iran.
Professor, Pahlavi Univ (03) 08, 02, 05.
b. 1917 USA; M-4.
BS 1938 Univ of MA; MS 1941 IA St Univ; MA 1951, PhD 1968 Harvard Univ.
Fields: 090, 060, 070, 110.
Prev Emp: Prof. Univ of Akron OH, 1970-74; Econ, FAO-UN, Rome, Italy 1951-68.
Pub: The Moshav in Israel Praeger, New York 1970; Agrical Data Need, Inter-American Devl Bank 1971.
Lang: Sp 1-1-1, Fr 1-1-1, Ita 1-1-1, Ger 1-1-1.
Mbr: AEA; AMA; AIB.
Hon: Who's Who in Am; Am Men & Women of Science; Grad Cum Laude-Univ of MA; Ford Found Fellowship 1964-66; Austan Educator of America.

KLEIN, Kurt K., Res Station, Lethbridge, Alberta, Canada.
Res Econ, Agr Canada, 07.
b. 1943 Canada; Citz: Canada; M-2.
BSA 1970, MS 1972 Univ of Sask; PhD 1976 Purdue Univ.
Fields: 011, 017.
Pub: Comparative Analysis in a Decision Context, MS Thesis 1972.
Mbr: CAES; AEA.

KLEIN, Marvin L., Room 16, Chittenden Hall, Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-355-9653.
PhD Candidate (03) 23.
b. 1944 Michigan; M-1.
BS 1969, MA 1972 W. MI Univ.
Fields: 017, 014, 011, 013.
Prev Emp: Wage-Salary Anal, Westinghouse Electric, Bloomfield NJ 1972-74.

KLEIN, Thomas A., College of Bus Adm, Univ of Toledo, Toledo OH; PH 419-537-2067.
Dir-Prof, Business Res Center (03) 02, 07, 08.
b. 1936 Ohio; M-2.
BS 1958 Dayton; MBA 1960 Detroit; PhD 1964 OH St Univ.
Fields: 095, 101, 102, 091.
Prev Emp: Jurica Vstg Prof, St Mary's Univ San Antonio TX 1975; Vstg Prof, Univ of Rochester, NY 1971-72; Instr, Rockhurst College, KS City MO 1960-61.
Pub: An Analysis of Urban Shopping Patterns Proceedings, Am Mktg Assn 1974; Research Quarterly 1970; Investment Profit Correlation, Univ of MI 1968.
Lang: Fr 3-0-0, Ger 3-0-0.
Mbr: AEA; ASA; AMA, Chpt Pres 1975-76.
Hon: Beta Gamma Sigma; Phi Kappa Phi; Gen Electric Fellowship.

KLEINMAN, Alan P., PO Box 427, Code 740, Boulder City NV 89005; PH 702-293-8584.
Chief & Econ Resources Br, U.S. Bureau of Reclamation (13) 07, 06, 15.
b. 1936 Arizona; M-5.
BS 1960 AZ St Univ; MS 1964 Univ of AZ; PhD 1969 IA St Univ.
Fields: 011, 021, 081, 026.
Prev Emp: Head, Econ, USBR, Denver 1971-75; Res Dir, IA St Univ 1966-71.
Pub: Economic Impacts of Changes in Salinity Levels of the Colorado River, USBR, Denver 1973; Economic Evaluation of Water Deficiency, Am Soc of Civil Eng 1972.
Lang: Sp 3-0-0, Fr 3-0-0.
Mbr: WAEA; U.S. Comm of Irr & Drng.

KLEPPER, Robert W., Washington Univ, St Louis MO 63130; PH 314-863-0100.
Res Assoc, Center for the Biology of Natural Systems (03) 07.
b. 1941 USA; M.
BA 1963 Westminster College; 1 Year London Sch of Econ; MA 1966, PhD 1973 Univ of Chicago.
Fields: 026, 021, 011, 068.
Prev Emp: Asst Prof, Monash Univ, Australia 1971-72.
Pub: A Comparison of Organized Conventional Farms, Center for the Biology of Natural Systems 1975; Fertilizer Application Rates & Nitrates in IL Surface Water, IL Inst Env Quarterly 1974; The Effect of Energy Price Increases on Feed Crop Production Costs, Center for the Biology of Natural Systems 1974.
Mbr: AEA; EHA.
Hon: Woodrow Wilson Fellowship.

KLETKE, Darrell D., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Assoc Prof, OK St Univ (03) 07, 08.
b. 1941 Oklahoma; M-2.
BS 1963, MS 1967, PhD 1969 OK St Univ.
Fields: 012, 011, 083.
Pub: Operations Manual-Budget Generator, OK St Univ 1975; Computers & Agr Econ, Bridging the Gap, SJAE 1976; Costs and Replacement Procedures-Farm Trucks, OK St Univ 1970.
Mbr: SAEA; ASFM&RA; Phi Kappa Phi.

KLIEBENSTEIN, James B., 205 Mumford Hall, Dept of Agr Econ, Univ of Missouri, Columbia MO 65201; PH 314-882-4436.
Asst Professor, Univ of MO (03) 08, 07.
b. 1947 Wisconsin; M-2.
BS 1969 Univ of WI-Platt; MS 1970, PhD 1972 Univ of IL.
Fields: 011, 012, 014.
Prev Emp: Asst Prof, NW MO St Univ of MO, Maryville 1972-74.
Pub: Assessment of Risk When Contract Crops are Included Among Other Crop Alternatives, SJAE 1975; Factors Affecting Hog Farmer Production Decisions, Univ of MO 1975; Econ Anal. Grains Should Have on Production Decisions Made by Farmers, Univ of IL 1972.
Mbr: SAEA; ASFM&RA; MSFM&RA.
Hon: Natl Sci Found Fellowship.

KLINDT, Thomas H., Dept of Agr Econ, Univ of Tennessee, Knoxville TN 37901; PH 615-974-7321.
Asst Professor, Univ of TN (03) 07, 08.
b. 1945 Missouri; M-2.
BS 1967, MS 1969 Univ of MO; PhD 1971 Univ of KY.
Fields: 030.
Prev Emp: Asst Prof, LA St Univ, Baton Rouge 1971-74.
Mbr: SAEA.

KLINE, Ralph G., Dept of Agr Econ, VPI & St Univ, Blacksburg VA 24061.

KLOTH, Donald, 4918 Brunston Drive, St. Louis MO 63128.

KNECHEL, John A., 19th Floor, Bank of Am Center, San Francisco CA 94137; PH 415-622-2177.
Head-Agribus Anal, Bank of Am (51) 05, 15,18.
b. 1938 New Jersey; D-1.
BS 1960 Rutgers Univ; MS 1962 Univ of MA; PhD 1965 Univ of CA, Berkeley.
Fields: 012, 013, 018, 016.
Prev Emp: Prof, Univ of Santa Clara, CA 1975; Econ, Bank of America, San Francisco CA 1972; Res Econ, Univ of CA, Berkeley 1965.
Pub: Variable Interest Rate Farm Mortgages, Pros & Cons, WAEA 1975 Proceedings; Foreign Trade Restrictions & International Commerce, Pacific Coast Assn 1971; General Economic Outlook for 1970, Proceedings Agr Mktg, WA St Univ, 1970.
Lang: Sp 3-0-0.
Mbr: WAEA,

KNETSCH, Jack L., Dept of Econ & Commerce, Simon Fraser Univ, Burnaby BC Canada V5A156; PH 604-291-3707.
Professor, Simon Fraser Univ (03) 07, 08.
b. 1933 Michigan; M-2.
BS 1955, MS 1956 MI St Univ; MPA 1959, PhD 1963 Harvard Univ.
Fields: 020, 025, 026, 062.
Prev Emp: Adv, Harvard Univ Devl Serv, Malaysia 1971-73; Prof, George Washington Univ, Washington DC 1967-70; Res Assoc, Resources for the Future, Washington DC 1961-66.

Pub: Economics and Outdoor Recreation, Hopkins Press 1966; Outdoor Recreation and Water Resources Planning, Am Geophys Union 1974; Alternative Pollution Control Strategies, Australian Quarterly 1973.
Mbr: CEA; AEA; RSA.
Hon: Am Men & Women of Science.

KNIGHT, Dale A., Dept of Econ, Waters Hall, KS St Univ, Manhattan KS 66506; PH 913-532-6705.
Assoc Agr Econ, KS St Univ (03) 07.
b. 1922 Kansas; M-1.
BS 1945 KS St Univ; MS 1946 Cornell Univ; AM 1948, PhD 1952 Univ of Chicago.
Fields: 071, 083, 031.
Prev Emp: Res Asst, Univ of Chicago 1947; Grad Asst, Cornell Univ 1945-46.
Pub: Analytical Processes in Farm Management, IA St Univ Press 1961; Farm Size and Resource Efficiency on Eastern Kansas Farms, Tech Bull. 155, KS Agr Exp Sta 1967.
Lang: Fr 3-0-0.
Mbr: Econometric Society.
Hon: Phi Kappa Phi; Gamma Sigma Delta; St Farmer.

KNIGHT, Peter T., PPLMS, Uris Hall, Cornell Univ,Ithaca NY 14853; PH 607-256-6316.
Vstg Fellow, Cornell Univ (03) 07, 08, 22.
b. 1940 Ohio; M-3.
BA 1962 Dartmouth College; BA 1964 Oxford Univ; MA 1966, PhD 1970 Stanford Univ.
Fields: 070, 110, 120.
Prev Emp: Prog Adv, Ford Foundation, Lima, Peru 1971-75; Res Assoc, Brookings Inst, Washington DC 1969-71.
Pub: Brazilian Agricultural Technology & Trade, NY Praeger Publishers 1971; Peru Hacia la Autogestion? Buenos Aires Editorial Proyeccion 1975; Pertinencia del analisis Economico en los Problemas de Bienestar Rural, Lima, Peru, Apuntes 2 Jour 1974.
Lang: Sp 1-1-1, Por 1-1-1, Fr 1-2-2.
Mbr: AEA; URPE.
Hon: Coun on For Relations; Intl Affairs Fellow 1975.

KNOBLAUCH, Wayne A., Dept of Agr Econ, Rm 202, Agr Hall, MI St Univ, E Lansing 48824; PH 517-353-9650.
Grad Res Asst, MI St Univ (03) 07, 08.
b. 1949 Michigan; M.
BS 1971, MS 1972, PhD 1976 MI St Univ.
Fields: 012, 011.
Prev Emp: Academic Adv, MI St Univ 1972-75; Grad Asst, MI St Univ 1971-72.
Pub: Level & Variability of Net Income for Selected Dairy Business Mgmt Strategies, PhD 1976; A Predictive Model of Academic Performance in the Agricultural Production Program, Dissertation NACTA Jour 1975; Impact of Selected Property Taxation Methods, MI Farm Economics 1973.

KNOP, Donald R., Room 4627, One Shell Plaza, Houston TX 77002; PH 713-220-6542.
Economist, Shell Oil Co (51) 15, 07.
b. 1942 USA; M-2.
BS 1964, MS 1966 So. IL Univ; PhD 1970 OK St Univ.
Fields: 060, 081, 075, 085.
Prev Emp: Fin Anal-Econ, Shell Chemical Co, NYC, NY and Houston TX 1969-72; Instr, OK St Univ, Stillwater 1968-69.
Pub: Economic Restraints on U.S. Energy Supply & Demand, Jour of Petroleum Tech 1975.
Lang: Sp 2-0-0.
Mrb: NABE.
Hon: Am Men & Women of Science.

KNOX, Phillip L., Dept of Econ, CO St Univ, Fort Collins CO 80523; PH 303-491-6388.
Asst Professor, CO St Univ (03) 08, 07, 09.
b. 1947 Kansas; M-2.
BS 1969 KS St Univ; MS 1970, PhD 1973 Univ of CA, Berkeley.
Fields: 014, 016, 011, 080.
Prev Emp: Res Asst, Univ of CA, Berkeley, 1969-72.
Pub: U.S. Beef Cattle Industry A Policy Analysis, Univ of CA, Berkeley 1973.
Mbr: WAEA; AEA.

KNOX, W. D., Editorial Department, Hoards Dairyman, Fort Atkinson WI 53538.

KNUDTSON, Arvid C., 1918 Carl Street, St Paul MN 55113; PH 612-631-0017.
Self-employed (75) 17, 10, 20.
b. 1926 Minnesota; M-2.
BS 1950, MS 1953, PhD 1957 Univ of MN.
Fields: 013, 094, 014, 012.
Prev Emp: V. Pres, Northwest Bancorp, Minneapolis MN 1964-75; Dir, WI Coun Agr, Madison 1962-64; Econ, Fed Res Bank, Minneapolis MN 1957-61.
Pub: Inflation-Implications for Agriculture, Proceedings MN Farm Mgrs & Appraisers 1975; Banks & Expanding Farm Credit, Bankers Monthly Magazine, Feb 1969; Banking & Agriculture, Commercial West Magazine, January 1968.
Lang: Fr 3-0-0, Sp 0-0-3.
Mbr: NABE; BMA; Holding Co Council & Prog. Comm. 1969-74.
Hon: Gamma Sigma Delta; BS w/Distinction.

KNUTSON, Marlys A., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Grad Res Asst, OK St Univ (03) 23, 07.
b. 1950 North Dakota; U.
BA 1972 Luther College; MS 1974 OK St Univ.
Fields: 035, 121, 046.
Prev Emp: Instr, Luther College, Decorah IA 1974-75; Econ, Env. Protection Agency, Washington DC 1974.

Pub: Place of Residence as it Relates to Female Labor Force Participation, Work-time Supplied and Income Returns, Reg. Science Perspectives 1975; Production Theory and Community Services Planning: An Application to Solid Waste Disposal, SJAE 1974.
Hon: Outstanding MS Thesis, WAEA 1975.

KNUTSON, Ronald D., Dept of Agr Econ, TX A & M Univ, College Station TX 77843; PH 713-845-6028.
Prof- Ext.Econ, TX A&M Univ (03) 09, 07, 08.
b. 1940 Minnesota; M-3.
BS 1962 Univ of MN; MS 1963 PA St Univ; PhD 1967 Univ of MN.
Fields: 017, 014, 102, 112.

KOCH, A. R., Agr Econ & Mktg, PO Box 231, Cook College, New Brunswick NJ 08903; PH 201-932-9155.
Dept Chairman, Professor, Rutgers Univ (03).
b. 1931; M-3.
BS 1953 Rutgers Univ; MS 1955, PhD 1959 Purdue Univ.
Fields: 017, 141, 025, 076.
Prev Emp: Res Asst, Purdue Univ, 1958.
Pub: Implementation & Early Effects of NJ Farmland Assessment Act, Rutgers Univ 1970; Case Study Under the Farmland Assessment Act, Rutgers Univ 1974.
Mbr: Reg Sci Assn.
Hon: Am Men & Women of Science; Stokdyk Award, Prof of the Yr.

KOCHER, James E., Dept of Agr Econ, MI St Univ, E. Lansing MI 48823.
Doctoral Candidate (78) 23, 07.
b. 1944; M-2.
BS 1966 OH St Univ; PhD 1976 MISt Univ.
Fields: 070, 047.
Prev Emp: Res Fellow Univ of Dar es Salaam, Tanzania 1972-75; Staff Assoc, The Population Council, New York & Dar es Salaam 1970-75; Res. Asst, MI St Univ, 1966-70.
Pub: Rural Development and Fertility and Mortality in Northeastern Tanzania, MI St Univ 1976; Social and Economic Development and Population Change in Tanzania, Dar es Salaam 1975; Rural Development, Income Distribution and Fertility Decline, New York 1973.
Lang: Fr 2-0-3, Sp 3-0-0.
Mbr: AEA; Population Assoc of America.
Hon: Res. Grant, ICP, Smithsonian Inst 1975-76.

KOELLER, Harold L., FAS-USDA, Washington DC 20250; PH 202-447-3877.
Dir, Program Plng Div, Foreign Agr Serv, USDA (18) 18, 06, 15.
b. 1917; M.
BS 1939, MS 1947 Univ of IL.
Fields: 112, 118, 091.
Prev Emp: Intl Mktg Dir, 1974-75, Intl Trade Affairs, Dir. FAS-USDA, Wash. DC 1971-73; Agr Attache, FAS-USDA, Brussels, Belgium 1968-71.
Lang: Fr 1-3-2, Ita 1-3-2.
Mbr: SID; OPEDA.
Hon: High Honors Univ of IL 1939, Superior Serv Award, USDA 1958.

KOENIG, Nathan, 4501 Connecticut Avenue, Washington DC 20008; PH 202-362-3622.
26, 18, 22.
b. 1907; M-3.
BS 1930, Univ of CT.
Fields: 070, 073, 017.
Prev Emp: Sp Asst to the Adm, Consumer & Mktg Serv, USDA, Washington DC 1954-65; Exec Asst to Sec of Agr, USDA, Washington DC 1945-50; US News & World Rpt, 1943-45.
Pub: A Comprehensive Agricultural Program for Puerto Rico, USDA, Washington DC 1953; Agriculture in Brazil-Its Needs in the Expanding Economy, Washington DC 1958; The Economic Needs of American Samoa, Senate Comm. on Interior & Ins. Affairs, Washington DC 1961.
Lang: Sp 2-0-2.
Mbr: SID; Am Acad of Pol & Soc Sci; Acad of Pol Sci.
Hon: Who's Who in the S & SW; USDA Hon Award for Sup Serv; Dist Alum Aw, U of CT.

KOFFSKY, Nathan M., 5515 Greystone Street, Chevy Chase MD 20015; PH 301-656-5587.
Consultant, Self-employed (75) 18, 08, 22.
b. 1911; M-1.
BA 1931 Cornell Univ; MA 1939 American Univ.
Fields: 017, 073, 018.
Prev Emp: Dep Exec Dir, UN World Food Council, Rome, Italy 1975; Sr Econ, World Bank, Washington DC 1971-75; Dir, Agr Econ, USDA, Washington DC 1965-66.
Pub: Food Potential of Developing Nations, AJAE 1967; Long Term Price Outlook & Implications for Agriculture, JFE, 1956; Farm Non Farm Purchasing Power, Conf. Res on Income & Wealth, NBER 1951.
Mbr: AEA; ASA; IAAE.
Hon: Fellow AAEA; Fellow, ASA, Distinguished Service Award USDA.

KOFI, Tetteh A., Food Res Inst, Stanford Univ, Stanford CA 94305; PH 415-497-3097.
Asst Prof, Food Res Inst (03) 08, 07, 24.
b. 1939; Citz: Ghana; U.
BA 1963 William College; BS 1966, PhD 1970 Univ of CA, Berkeley.
Fields: 073, 074, 014, 081.
Prev Emp: Asst Prof, Stanford Univ 1970- --; Lecturer, Univ of CA, Berkeley 1970.

Pub: A Framework for Comparing the Efficiency of Futures Markets, AJAE 1973; International Commodity Agreements & Export Earnings: Simulation of the 1968 Cocoa Agreement, Food Res Inst Stds in Agr Econ, Trade and Devl, 1972; The Elites and Underdevelopment in Africa: The Case of Ghana, Berkeley Jour of Soc 1972/73.
Lang: GA-Adangbe; Other: Eng 1-1-1, Fr 2-2-3.
Mbr: RES; AEA; AIIE.

KOHLMEYER, William, Dept of Agr Econ, SD St Univ, Brookings SD 57006; PH 605-688-4141.
Professor Emeritus, SD St Univ (03) 02, 07.
b. 1906; M-2.
BS 1928 IA St Univ; MS 1938 Purdue Univ.
Fields: 014, 012.
Prev Emp: Prof., SD St Univ 1947-74; Assoc Prof, SD St Univ 1944-47; Ext Poultryman, Purdue Univ, Lafayette IN 1928-41.
Mbr: Poultry Sci Assn; Am Soc of Animal Sci; World Poul Sci Assn.
Hon: Master Builder of Men (Farm House Frat); Poultryman of the Year, SD Poultry Improvement Assn; Honorary Life Member (State Pool Assn of IN)

KOHLS, Richard L., Agr Adm Bldg, Purdue Univ, W. Lafayette IN 47907; PH 317-749-6092.
Dean of Agr, Professor, Purdue Univ (03) 02, 18.
b. 1921; M-2.
BS 1942 Purdue Univ; MA 1948 Univ MO; PhD 1950 Purdue Univ.
Fields: 014, 016.
Lang: Ger 3-0-0, Sp 3-0-0.
Mbr: Who's Who in Am; Director of Am Scholars; Leaders in Educ; Am Men & Women of Science.

KOHNKEN, Pamela J., 3556 W. Buckeye Road, Phoenix AZ 85351; PH 602-261-3058.
Economist, Soil Conservation Service (23) 15, 22.
b. 1943; U.
BS 1965 Univ of Denver; MA 1974 AZ St Univ.
Fields: 091, 141.
Prev Emp: Jr. Economist, Dept of Emp. Colorado 1965-70.
Mbr: SCSA-Secretary; Business and Prof. Women-Treasurer; Am Bus Womens Assn, V. President.

KOHOUT, Jose C., Interamerican Devl Bank, A-471, 808 17th Street NW, Washington DC 20577; PH 202-634-8428.
Economist, Interamerican Devl Bank (67) 18, 22.
b. 1931; Citz: Argentina; M-3.
BS 1958 Univ of Buenos Aires; MS 1962, PhD 1969 Univ of IL.
Fields: 073, 010.
Prev Emp: Chief, Tech Asst IDB-RD, Dominican Rep 1973-74; Agr Econ Expert Chass T Main - Edison Consultant, Argentina 1969-72; Adv, CONADE, Devl Planning, Argentina 1964-65.
Pub: A Price Decision Model for Beef in Argentina, Univ of IL & Ford Found, Argentina 1969-70; Farm Size Relationships & Implications, Univ of IL 1962; Proyectos Riego en Desarrollo Economico Univ of Buenos Aires, Argentina 1969.
Lang: Spanish; Other: Eng 1-1-1, Ger 3-3-3.

KOLAWOLE, Michael I., PMB 2155 Kaduna, Nigeria, Africa
Financial Analyst, Nigerian Agr Bank Ltd (32) 17, 20.
b. 1940; Citz: Nigeria; M-3.
BS 1966 Univ of Ibadan, Nigeria; MS 1970, PhD 1972 Cornell Univ.
Fields: 012, 011, 013, 014.
Prev Emp: Lecturer, Univ of Ife, Nigeria 1967-74.
Pub: Reform of Commodity Mktg Boards, Jour of Devl Econ 1974; Econ of Private Tractor Operations, Jour of Agr Engineering Res 1974.
Lang: Yoruba; Other: Eng 1-1-1.
Mbr: BSAE; ISAE; NES.

KOLLER, E. F., Dept of Agr & Applied Econ, Univ of Minnesota, St Paul MN 55108; PH 612-376-3564.
Professor Emeritus, Univ of MN (03) 07, 26.
b. 1907; M.
BA 1929 Augustana College; MA 1933, PhD 1938 Univ of MN.
Fields: 014, 013, 015.
Prev Emp: Prof, Univ of MN, St Paul 1946-75; Lower Ranks, Univ of MN 1930-46; Tax Analyst, U.S. Treasury, Washington DC 1934.
Pub: Changing Market Structure of Dairy Industry, MN Sta Bull 498, 1969; Econ Analysis of Milk Assembly, MN Sta Bull #512, 1975; Milk Processing Costs in Butter Powder Ind, MI St Bull #507, 1972.
Lang: Ger 2-3-2.
Mbr: AEA, AA of Univ Professors; IAAE.
Hon: Who's Who in Am; Am Men & Women of Science; LLD Augustana College 1957; Outstanding Teacher Award 1972; 50th Aniv Medal of Fed Land Banks; Outstanding Contributions to Agr.

KOLMER, Lee R., 123 Curtiss Hall, IA St Univ, Ames IA 50011; PH 515-294-2518.
Dean, IA St Univ (03).
b. 1928; M-3.
BS 1952 So. IL Univ; MS 1952, PhD 1954 IA St Univ.
Fields: 014.
Hon: Who's Who in Am; Am Men & Women of Sci; Phi Kappa Phi; Gamma Sigma Delta.

KOMINUS, Nicholas, 1001 Connecticut Ave, Washington DC 20036; PH 202-331-1458.
Director Information, U.S. Cane Sugar Refiners Assn (53) 07.
b. 1931; M-3.
BS 1953 KS St Univ.
Fields: 112, 111.
Prev Emp: Editor, USDA, Washington DC 1955-61.

KONANDREAS, Panos A. Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-3682.
Post Grad Res Agr Econ, Univ of CA, Davis (03) 23, 07.
b. 1946; Citz: Greece; U.
BS 1969 Natl Tech Univ of Athens; MS 1972, PhD 1976 Univ of CA, Davis.
Fields: 112, 083, 081, 011.
Prev Emp: Res Asst, Univ of CA, Davis 1974; Teaching Asst, Univ of CA, Davis 1973; Computer Prog, Computer Center, Univ of CA, Davis 1971-73.
Pub: Interaction of Energy and Food Prices in Less Developed Countries: Comment, AJAE 1976.
Lang: Greek; Other: Sp 2-3-3, Eng 1-1-1.
Mbr: AEA; IAAE.
Hon: Dist. Scholar Univ of CA; Phi Kappa Phi; Intl Honor Soc in Econ.

KONHOLD, Dr., c/o Secretaira da Agr, Av Julio, do Castilhos, 585.7 Andar, Porto Alegre, Brazil.

KONYHA, Marvin E., Ext Service, Washington DC 20250; PH 202-447-3444.
Prog Leader, Ext Service, USDA (17) 09, 18.
b. 1935; M-2.
BA 1960 Kalamazoo College; MS 1967, PhD 1970 MI St Univ.
Fields: 031, 046, 032, 034.
Prev Emp: Asst Prof Univ of FL, Gainesville 1970-73; Instr, MI St Univ, E. Lansing 1968-69.
Pub: Rural Poor Who Could Benefit From Job Retraining in East North Central States, ERS USDA #204, 1971; Needs and Potentials for Escape from Poverty Through Retraining for Families in the Eastern Corn Belt, MI St Univ 1970; Protestant Agricultural Mission Programs in Latin America and Their Relationship to Agricultural Development 1967.
Lang: Sp 3-0-0, Fr 3-0-0.
Mbr: Community Devl Society.
Hon: Am Men & Women of Science.

KOO, Won W., Dept of Economics, MT St Univ, Bozeman MT 59715; PH 406-994-3701.
Asst Professor, MT St Univ (03) 07, 08, 09.
b. 1940 Korea; Citz: Korea; M-1.
BS 1964, MS 1968 Korea Univ; PhD 1974 IA St Univ.
Fields: 062, 011, 111, 112.
Prev Emp: Staf Econ 1974-75; Res Asst 1972-74 IA St Univ.
Pub: An Interregional Analysis of U.S. Domestic Grain Transportation, IA St Univ 1975; A National Grain Transportation, IA St Univ Press 1975.
Lang: Korean; Other: Jap 2-0-0.
Hon: Who's Who in Am; Dir. of American Scholars; Leaders in Educ; Intl Who's Who (Europa).

KOPP, Katherine M., Des Lacs ND 58733; PH 701-725-4346.
Farmer (75) 21.
b. 1954; M.
BS 1975 ND St Univ.
Fields: 012, 011, 014, 020.
Prev Emp: Researcher, ND St Univ Soils Dept, Fargo ND 1972-75.
Hon: Outstanding Teenagers of Am; Outstanding Agr Econ Club Senior; ND St Univ Honor Student.

KORVES, Ross C., 47 Pennsylvania Ave, Econ & Market Res., Indianapolis IN 46204; PH 317-631-8361.
Mkt Anal, IN Farm Bur Coop (52) 07, 15.
b. 1948; M.
BS 1975, MS 1976 So. IL Univ, Carbondale.
Fields: 014, 017, 112, 156.
Prev Emp: Grad Res Asst, So. IL Univ 1975.
Lang: Sp 3-3-3.

KOST, William E., 500 12th Street SW, FDCD-ERS-USDA, Washington DC 20250; PH 202-447-8404.
Agr Econ, FDCD-ERS-USDA (16) 07, 15.
b. 1941; M.
BS 1963 Western IL Univ; MS 1967, PhD 1971 MI St Univ.
Fields: 112, 075, 016, 080.
Pub: Trade Flows in the Grain-Livestock Economy of the EEC, Labys Quantitative Models of Commodity Markets, 1975; The Effect of an Exchange Rate Change on Commodity Trade, Contributed Paper, AAEA Annual Meeting 1975; Rates of Return for Farm Real Estate & Common Stock, AAEA 1968.
Mbr: AEA; IAAE; Soc of Govt Econ, Exec Secretary 1974-75.

KOTTKE, Marvin W., Dept of Agr Econ, Univ of Connecticut, Storrs CT 06268; PH 203-486-2838.
Professor, Univ of CT (03) 08, 07.
b. 1923; M-2.
BS 1951, MS 1952, PhD 1955 Univ of MN.
Fields: 025, 026, 013, 076.
Prev Emp: Res Asst Univ of MN, St Paul, 1951-54; Agr Instr, Clarkfield Highschool, Clarksfield MN 1951; Stat Asst, Univ of MN, St Paul 1950.

Pub: Spatial, Temporal Allocation of Mill, AJAE 1970; Anatomy of Step Supply Function, AJAE 1969; Effect of Travel Constraints on Skiing Market., Storrs. Agr Exp Sta 1975.
Lang: Ger 2-3-3, Fr 3-3-3.
Mbr: NAEC, ES.
Hon: Gamma Sigma Delta, Pres. 1969, VP 1968; Who's Who in the East; Am Men & Women of Sci; Intl Scholars Directory; AAEA Award PhD Thesis 1956, Univ of CT; Research Found Grant.

KOUDELE, Joe W., Waters Hall 331, Dept of Agr Econ, KS St Univ, Manhattan KS 66506; PH 913-532-6705.
Assoc Professor, KS St Univ (03) 08, 07.
b. 1920; M-3.
BS 1943 Univ of NE; MS 1947 Univ of MN; PhD 1956 MSU.
Fields: 051, 014,101.
Pub: The Egg Products Industry of the U.S., Part II Econ & Tech Trends 1936-61, KS Agr Exp Sta 1964; Cost-Returns and Cash-Flow Projections for a Commercial Laying Flock, KS Agr Exp Sta 1973; Pricing and Selling Eggs by the Pound at Retail, KS Agr Exp Sta 1975.
Mbr: AMA; Poultry Sci Assoc.

KOUROUKLIS, Stavros D., Palais Des Nations, CH-1211 Geneva 10 Switzerland PH 004122-31-1255.
Team Leader Mkt Surveys, Intl Trade Centre, UNCTAD/GATT (65) 07, 22, 18.
b. 1933; Citz: Greece; U.
BS 1955 School of Econ & Commercial Science; MBA 1965 Univ of CA, Berkeley; PhD 1970 Or St Univ.
Fields: 073, 016, 112, 134.
Prev Emp: Instr OR St Univ, Corvallis 1970-71; Financial Anal.,G. Lekas & Assoc., San Francisco CA 1965-66; Market Anal. Hellenic Industrial Devl, Athens, Greece 1958-63.
Pub: Animal Casings, ITC-UNCTAD-Gatt, Geneva 1973; Mutual Funds in Greece, Spoudai, Athens, Greece 1975.
Lang: Greek; Other: Eng 1-1-1, Fr 1-1-1.

KOVACS, Alejandros, Univ de Oriente Nucleo de Monogas, Escuela de Agronomia, Jusepin, Estado, Monogas, Venezuela.

KRAENZLE, Charles A., Farmers Coop Serv, 500 12th Street SW, Washington DC 20250; PH 202-447-8282.
Agr Econ, FCS-USDA (19) 07, 22.
b. 1941 Missouri; D-2.
BS 1964, MS 1970 Univ of MO; PhD 1974 Univ of CT.
Fields: 014, 082, 017.
Prev Emp: Grad Asst, Univ of CT, Storrs, 1970-73; Grad Asst, Univ of MO, Columbia 1969-70.
Pub: Grain Marketing Patterns of Local Cooperatives, FCS-USDA, Oct 1975; Economic Feasibility of Early Retirement and Disinvestment in Farming, Univ of CT, Nov 1975.
Lang: Sp 3-0-0.
Mbr: NAEC; SAEA.

KRAFT, Steven E., Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-2252.
Res Asst, Cornell Univ (03) 23,20.
b. 1946 Wisconsin; U.
BA 1969 Am Univ; MS 1975 Cornell Univ.
Fields: 011, 035, 073, 159, 154.
Prev Emp: Volunteer, U.S. Peace Corps, Bolivia & India 1969-71.
Pub: Environmental Factors Influencing the Production of Wine Grapes in Commercial Fingerlake Vineyards, USA 1976.
Lang: Sp 1-1-1, Quechua 0-0-2.
Hon: Phi Kappa Phi; Omicron Delta Kappa.

KRAMER, Randall A., 215 - 1911 Bldg, NC St Univ, Raleigh NC 27607; PH 919-737-2617.
Std & Grad Res Asst, NC St Univ (03) 23, 07.
b. 1953 Tennessee; M.
BA 1975 Univ of NC.
Fields: 033, 040, 073.
Lang: Fr 1-3-3.
Hon: Phi Beta Kappa.

KRAUSE, Kenneth R., ERS-NEAD, 500 12th Street SW, USDA, Washington DC 20250; PH 202-447-6861.
Agr Econ Proj Ldr, ERS-USDA (16) 07, 10, 20.
b. 1934 Iowa; U.
BS 1957, MS 1959 IA St Univ; PhD 1963 Purdue Univ.
Fields: 013, 011, 094, 017.
Prev Emp: Assoc Prof, Econ Dept, SD St Univ, Brookings 1963-67; Instr, Purdue Univ, W. Lafayette IN 1960-63; Mgmt Res Adv, Schering Corp., NJ 1959-60.
Pub: State & Federal Legal Regulation of Alien & Corp Ownership, ERS-USDA 1975; Midwest Corn Farms; Econ Stat & Potential for Large & Family Size, ERS-USDA 1971; Personality Char Related to Managerial Potential in Agriculture, SD Exp Sta 1971.
Lang: Fr 2-0-0, Sp 2-0-0.
Mbr: NEC; WAEA; CAES.
Hon: Who's Who in Am; Am Men & Women of Science; Sigma Delta Chi; Phi Eta Sigma; Gamma Sigma Delta; AAEA Travel Grant to IAAE.

KRAUSE, Orville E., 500 12th Street SW, Rm 428, Washington DC 20002; PH 202-447-8719.
Prog Ldr, ERS-USDA (16) 07, 06.
b. 1914 Iowa; M.
BA 1938 Marietta College; MS 1950, PhD 1957 Univ of WI.
Fields: 020,026, 021.
Prev Emp: Stat, USDA, Madison WI 1949-66; Stat, WI Dept of Agr, Madison 1948-49.
Lang: Sp 3-0-0, Fr 3-0-0.
Mbr: AEA; SCSA.

KRAUSE, Stanley F., Room 3109-S, FDD-ERS-USDA, Washington DC 20250; PH 202-447-5128.
Asia Prog Ldr, ERS-USDA (16) 06, 22.
b. 1925 Kansas; M-3.
1942-43 Ft Hays KS St Univ; BA 1949 Univ of Denver; MS 1950, PhD 1952 Univ of MN.
Fields: 014, 073.
Prev Emp: Agr Econ, USAID Mission, Brazil, 1970-72; Dir. Animal Prod Div, FCS-USDA, Washington DC 1968-70; Coord of Foreign Studies, ERS-USDA, Washington DC 1966-68.
Lang: Por 1-0-2, Sp 2-0-0.
Mbr: SID.
Hon: Phi Beta Kappa.

KRAYNICK, Roger G., Dept of Agr & Res Econ, OR St Univ, Corvallis OR 97331.

KREBS, Edward H., Route # 1, Box 7070, Grantville PA 17028.

KREILING, Tilmon Jr., 7935 Willow Green Court #105, Dallas TX 75230; PH 214-368-3254.
Consultant, Self-employed (75) 10, 13, 20.
b. 1945 Illinois; U.
BA 1967 Yale Univ; LLB 1968 Boston Univ; MBA 1972, MA 1972, PhD 1974 Stanford Univ.
Fields: 018, 051, 075, 080.
Prev Emp: 1st Lt, U.S. Marine Corp, Quantico VA 1968-69.
Pub: Empirical Estimation of U.S. Demand for Meat Products, PhD Dissertation, Stanford Food Res Inst 1974.
Mbr: Econometric; Natl Buffalo Assoc; Bison Hybrid Intl, Pres 1974-75.

KREIS, George E., 3801 Harney, Omaha NE 68131; PH 402-346-8004.
Purchasing Agent, ConAgra (51) 12.
b. 1945 Iowa; M-3.
BS 1967, MS 1969 IA St Univ.
Fields: 014.
Prev Emp: Econ Anal, ConAgra, Omaha NE 1972-74; Econ Anal, Doane, St Louis, MO 1969-72; Instr, IA St Univ, Ames, 1967-69.

KREITMAN, Richard, American Embassy, APO New York NY 09883.

KRENZ, Ronald D., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-377-6211.
Agr Econ, ERS-USDA (16) 07.
b. 1933 North Dakota; M-4.
BS 1955 ND St Univ; PhD 1959 IA St Univ.
Fields: 011, 017, 016.
Prev Emp: Asst Prof, Univ of WY, Laramie 1959-62.
Lang: Sp 2-3-3.
Hon: Fulbright Fellowship, Norway 1955-56.

KRIEBEL, Wesley R., 2 Weaver Bldg, Dept of Agr Econ, PA St Univ, University Park PA 16802; PH 814-865-2561.
Professor, PA St Univ (03) 09, 07.
b. 1931 Pennsylvania; M-2.
BS 1953, MS 1958 PA St Univ; PhD 1966 Univ of MO.
Fields: 019, 015, 014, 037.
Prev Emp: Asst-Assoc Prof, PA St Univ, 1962-69.
Pub: Designing Efficient Delivery Route Systems by Computer, PA Agr Exp Sta 1972; Consolidation of Deliveries to Small Food Stores by Simulation, TRN, Res Forum 1973; Transportation Policy and the Rural Environment, NPPEC Proceedings 1975.
Mbr: Am Soc of Traffic & Trans, Assoc Examiner 1972- --; Trans Res Forum.

KRIESEL, Herbert C., PO Box 41081, Nairobi, Kenya.
Agr Adv, Ford Foundation (70) 18, 04, 07.
b. 1915 Wisconsin; M-4.
BS 1937 Univ of WI; 1939-40 Am Univ; 1939-46 USDA Grad School; 1947 Univ of Chicago.
Fields: 073, 014, 032, 017.
Prev Emp: Agr Econ, USAID, Nigeria 1970-73; Agr Econ, MI St Univ, Nigeria & Tanzania, 1965-69; Econ Stat, USDA, Washington DC 1939-60.
Pub: Dairy Situation, Washington DC 1946-60; Agric Marketing in Tanzania, MI St Univ 1970; Cocoa Marketing in Nigeria, MI St Univ 1969.
Mbr: AEA; AAAS; Eastern Africa Agr Econ Soc.
Hon: Superior Serv Award & Cert of Merit, USDA.

KRITZ, Solomon, 2075 Walton Avenue, Bronx NY 10453; PH 295-6179.
(75) 26, 07.
b. 1916 New York; U.
Fields: 017, 157.
Mbr: AEA; EHA.

KROFTA, Raymond N., 207 Winslow, Univ of Maine, Orono ME 04473; PH 207-581-7476.
Assoc Prof, Univ of ME (03) 07, 08.
b. 1929 Wisconsin; M-2.
BS 1958, MS 1961, PhD 1962 Univ of WI.
Fields: 011, 012.

Prev Emp: Asst Prof, OH St Univ, Columbus 1962-66.
Pub: Cash Flow Analysis-Maine Dairy Farms, Univ of ME 1973; Growth & Disappearance of Dairy Farms in Maine, Univ of ME, 1974; The Economy of Aroostook Company Maine, Univ of ME 1976.
Mbr: NAEC; ASFM&RA.

KRUMME, Richard, Managing Editor, Sucessful Farming, 1716 Locust, Des Moines IA 50336.

KRUSE, Rodney B., 723-1/2 N. Meyers, Sealy TX 77474.

KUEHN, John P., Div of Resource Mgmt, WV Univ, Morgantown WV 26506; PH 304-293-3231.
Assoc Prof, WV Univ (03) 07, 08.
b. 1942 Ohio; M-2.
BS 1964 Rutgers Univ; MS 1966 Univ of VT; PhD 1969 Univ of TN.
Fields: 014, 051, 030.
Prev Emp: Res Asst, Univ of TN, Knoxville 1966-69.
Pub: Livestock Auction Costs, WV Univ 1971; Optimum Location-Auctions, WV Univ 1975; Beef and Pork Consumption, WV Univ,1975.
Lang: Sp 2-2-3.
Mbr: SAEA, Ed Coun 1973- --; NEAEC.
Hon: Am Men & Women of Sci; Gamma Sigma Delta.

KULSHRESHTHA, Surendra N., Dept of Agr Econ, Univ of Sask, Saskatoon, Sask Canada S7NOWO; PH 306-343-2237.
Assoc Prof, Univ of Saskatchewan (03) 08, 07, 09.
b. 1941 India; Citz: Canada; M-2.
BSA 1958, MS 1960 Agra Univ; PhD 1965 Univ of Manitoba.
Fields: 016, 081, 019, 075.
Prev Emp: Res Fellow, Univ of Manitoba, Winnipeg, 1968-69; Econ Cons, Hedlin-Menzies, Winnipeg & Toronto 1966-68.
Pub: Perspective on Prairie Grain Transportation System, Transportation Center U of S, 1975; Logit Analysis of Truck Ownership, AJAE 1975; Economics of Agricultural Labor in India, Tata-McGraw Hill 1975.
Lang: Hindi; Other: Fr 1-0-0.
Mbr: CAES; CAUT; Econometrica.
Hon: Who's Who in Am; Am Men & Women of Science; Canada Council Post-Doctoral Fellowship 1968-69.

KUMPE, John O., PO Box 1541, Little Rock AR 72203; PH 501-378-4244.
Agr Cons, Union Natl Bank of Little Rock (50) 17, 20, 11.
b. 1908 Arkansas; M-2.
BSA 1933; 1964 Univ of AR; 1965 Univ of WI.
Fields: 012, 014, 132, 055.
Prev Emp: Ext Farm Mgmt Spec, Univ of AR Little Rock, 1964-75; Gen Mgr, AR, poultry Coop, Bentonville AR, 1946-60; Ind Rel, Natl Broiler Council, Richmond VA 1960-62.
Mbr: AR Poultry Fed, Pres. Sec., Brd Mbr; SW Assoc, Pres., Brd Mbr; Natl Poultry, Butter & Egg Assoc.

KUNKEL, David E., USAID-AD-AD, Manila, Philippines, APO San Francisco CA 96528; PH Manila 59-8011.
USDA (16) 07, 22, 06.
b. 1938 Utah; M-3.
BS 1960 Univ of ID; MS 1966 CO St Univ; MS 1968, PhD 1972 Univ of WI.
Fields: 075, 010, 080, 073.
Prev Emp: Res Asst, Univ of WI, Madison, 1966-71; Volunteer, Peace Corps, Turkey, 1962-64; Soil Scientist, U.S. Bureau of Reclamation, Spokane WA 1961-62.
Pub: High Yielding Varieties of Rice in the Philippines, USDA-FAER Rep #113 1976 Determng the Economic Family Size Farm, Philippine Jour of Agr Econ & Devl 1974; Market Structure, Conduct & Performance (in mixed economies) The Turkish Textile Industry as a Case Study, PhD Dissertation, Univ of WI 1972.
Lang: Tur 2-2-1, Tagalog 3-3-3.
Mbr: AEA; Philippines Agr Econ Assoc.
Hon: Pi Gamma Mu; Fulbright Hays Fellowshi Dissertation Abroad 1968-69.

KUNTZ, Berry T., Ext Hall, Suite 319, OR St University, Corvallis OR 97331; PH 503-757-4807
Agr Econ, USDA-ERS-NRED, (16) 07.
b. 1940 Oklahoma; M-2.
BS 1962, MS 1964 OK St Univ.
Fields: 020.
Prev Emp: Agr Econ, USDA-ARS-T&FD, Hyattsville MD 1965-66.
Pub: Least Cost Linear Programming Anal. An Application to Agriculture Related to Multiple Obj Planning & Evaluation, 1974; Agricultural Land Resources, Their Productivity and Use, Lower Mississippi Region, 1972; Potential Agricultural Water Uses, Lower Missippi Region, 1970.
Mbr: WAEA.

KUO, Leslie T.C., 1512 Ainsley Road, Silve Spring MD 20904.

KUSHMAN, John E., Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-1519.
Asst Prof, Univ of CA (03) 07, 08, 22.
b. 1948 Washington DC; M.
BA 1970 NC St Univ; PhD 1974 Univ of NC.
Fields: 042, 062, 030.
Prev Emp: Teaching Asst, Univ of NC, Chape Hill, 1974; Res Asst, Univ of NC 1973.

Pub: Input Utilization in Physicians Group Practice, Proceedings WAEA 1975; Family Power Structure and Family Labor Supply, Social Science Quarterly 1975; Health Capital Production Market Structure and Physician Behavior, Atlantic Econ Jour 1976.
Lang: Sp 1-0-0.
Mbr: AEA; WAEA; WEA.
Hon: Natl Science Foundation Fellowship.

KUTISH, Francis A., 2373 Rayburn Bldg, Washington DC 20024; PH 202-225-4426.
Staff Asst, Congressman Neal Smith (78) 27, 18, 22.
b. 1915 Iowa; M-4.
BS 1938, MS 1941 IA St Univ; 1938-39 Am Univ.
Fields: 017, 159, 014, 073.
Prev Emp: Staff Econ, USDA, Washington DC 1965-74; Econ & Mktg Cons., USDA, Ministry of Agr, El Salvador, 1963-65; Prof, IA St Univ 1953-63.
Lang: Sp 2-3-2.
Mbr: Sigma Delta Chi; IAAE.
Hon: Who's Who in America.

KWIATKOWSKI, Joseph H., Rural Devl Div, USAID, c/o U.S. Embassy, Panama City, Panama.
Intl Devl Intern, USAID (24) 19.
b. 1949 New York; M.
BS 1971 Cornell Univ; MS 1975 Univ of MD.
Fields: 073, 081.
Prev Emp: Grad Res Asst, Univ of MD, College Park 1974-75.
Pub: Land Values and Land Use, MS Thesis Univ of MD, August 1975.
Lang: Sp 1-1-1.
Mbr: SID.

KYLE, Leonard R., Bartad Proj - San Andros, PO N, Andros Island, Bahamas.
Professor, PA St Univ (03) 07, 22.
b. 1918 USA; M-2.
BS 1940 MI St Univ; MS 1949, PhD 1953 Purdue Univ.
Fields: 012, 011, 013, 017.
Prev Emp: Prof, MI St Univ, E. Lansing 1954-75; Asst Prof, Univ of IL, Urbana, 1953-54; Instr, Purdue Univ, W. Lafayette 1949-54.
Pub: Midwestern Corn Farms: Economic Status & Potential for Large Units, Agr Econ Rep #216, USDA 1971; Changing Structure of U.S. Agr Business and Its Contributions to the National Economy, U.S. Chamber of Commerce 1974.
Lang: Sp 0-0-3.
Mbr: ASFM&RA.
Hon: Dir of Am Scholars; Am Men & Women of Science; USDA Group Ext Award; Outstanding Ext Spec, MI St Univ.

LACEWELL, Ronald D., Dept of Agr Econ, TX A & M Univ, College Station TX 77843; PH 713-845-2333.
Assoc Professor, TX A & M Univ (03) 07, 08.
b. 1940 Texas; M-2.
BS 1963 TX Tech, 1963-64; Am Univ; MS 1966 TX Tech; Doctrate 1970 OK St Univ.
Fields: 011, 021, 026, 024.
Prev Emp: Agr Econ, ERS-USDA, Stillwater OK 1967-70; Instr, TX Tech, Lubbock TX 1966; Agr Stat, Census Bureau, Washington DC 1963-64.
Pub: General Mod for Eval Agr Fl Pl, AJAE. 1972; Model to Evaluate Alternative Irrigation Systems With an Exhaustible Water Supply, SJAE 1973; Economic Implications of Discontinuing the Texas High Plains Boll Weevil Suppression Program, SJAE 1974.
Lang: Sp 3-3-0.
Mbr: SAEA; WAEA; WRSA.
Hon: Southern Men & Women of Science; Ed Council AJAE; Ed Council SJAE.

LACY, Keith H., Econ Operations Branch, Bldg 63, 1201 East 10th Street, Jeffersonville IN 47130; PH 812-283-1311.
Survey Stat (GS-11) Data Processing Div. Census Bureau (11) 27.
b. 1946 Indiana; M.
BS 1969 OH St Univ; MS 1972 MI St Univ.
Fields: 080, 018, 075, 052.
Prev Emp: Market Anal, Philippine Dept of Agr, Manila, 1972-74.
Pub: Hedging Effectiveness in Live Cattle Markets, MI St Univ 1972; Special Studies of Philippine Marketing Problems, Manila, Philippines 1973-74.
Lang: Tagalog 0-0-3.

LADD, George W., 478 East Hall, Dept of Economics, Iowa St Univ, Ames IA 50011; PH 515-294-7580.
Prof of Econ, IA St Univ (03) 07, 08.
b. 1925 South Dakota; M-2.
BS 1950 SD St Univ; MA 1951 MI St Univ; PhD 1955 Univ of IL.
Fields: 014, 081, 084, 095.
Prev Emp: Vstg Prof, Univ of CA, Davis 1966; Instr, Southern IL Univ, Carbondale 1951-52; Grad Asst, Univ of IL Urbana 1952-55.
Pub: Federal Milk Marketing Order Provisions, AJAE 1969; A Model of a Bargaining Cooperative, AJAE 1974; An Analysis of Alternative Grain Distribution Systems, AJAE 1975.
Mbr: AEA; ES; ASA.
Hon: Phi Kappa Phi.

LADMAN, Jerry R., Center for Latin Am Studies, Arizona St Univ, Tempe AZ 85281; PH 602-965-3531.
Assoc Prof & Dir, AZ St Univ, Tempe, (03) 02, 08, 07.
b. 1935 Iowa; M-3.
BS 1958, PhD 1968 IA St Univ.
Fields: 073, 013, 047.
Prev Emp: Program Asst, Ford Foundation, Mexico City 1971-72.
Pub: A Model of Credit Applied to the Allocation of Resources in a Case Study of a Sample of Mexican Farms, Econ Devl & Cultural Change 1974; Some Empirical Evidence in Unorganized Rural Credit Markets, CJAE 1972; The Development of Mexicali Regional Economy: An Example of Export Propelled Growth, AZ St Univ 1975.
Lang: Sp 1-1-1.
Mbr: AEA, LASA.
Hon: Who's Who in the West; Fulbright Lectureship Ecuador 1974; Vstg Scholar Food Res Inst, Stanford Univ 1975; AZ-Mexico Comm. 1976 (appointed by Governor).

LADUE, Eddy L., Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-4534.
Asst Professor, Cornell Univ (03) 07, 08, 09.
b. 1939 New York; M-3.
BS 1964, MS 1966 Cornell Univ; PhD 1971 MI St Univ.
Fields: 013, 012, 011.
Prev Emp: Grad Asst, MI St Univ 1967-71; Ext Assoc, Cornell Univ 1965-67; Partner, George Ladue & Son, Canandaigua NY 1959-62.
Pub: FABS, Farm Business Simulation, Cornell Univ 1973; Environmental, Econ and Physical Considerations in Liquid Handling of Dairy Cattle Manure, Cornell Univ 1972; The Effect of Tax Reform on the Dairy Farmer, Cornell Univ 1973.
Mbr: AEA; ADSA.
Hon: Am Men & Women of Science; Phi Kappa Phi.

LaFERNEY, Preston E., 500 12th Street SW, Washington DC 20250; PH 202-447-8771.
Deputy Director, CED-ERS-USDA (16) 06, 07.
b. 1935 Arkansas; M-2.
BS 1958, MS 1960 Univ of AR; PhD 1963 OK St Univ; 1969-70 Stanford Univ.
Fields: 014, 050, 080, 110.
Prev Emp: Agr Econ, MED-ERS-USDA, Clemson SC 1962-70; Res Coord, MED-ERS-USDA, Washington DC 1970-72; Branch Chief, MED-ERS-USDA, Washington 1972-73.
Lang: Sp 3-3-3.
Mbr: APSA; SAEA.
Hon: Congressional Fellow 1975-76; Post Doctoral Fellowship, Stanford Univ 1969-70.

LAGRONE, William F., 205 Filley Hall, Dept of Agr Econ, Univ of Nebraska, Lincoln NE 68383; PH 402-471-5447.
Agr Econ, USDA-ERS-CED (16) 07, 20, 18.
b. 1916 Mississippi; W-3.

BS 1937 MS St Univ; MS 1943 IA St Univ.
Fields: 011, 012.
Prev Emp: Agr Econ, USDA, OK St Univ 1944-64; Agr Econ, USDA, Little Rock AR 1943-44; Agr Econ, USDA, Auburn AL 1938-43.
Pub: Income & Expenses of Interstate Custom Combiners, ERS-USDA 1975; Interstate Custom Combining in the Great Plains in 1971, ERS-USDA No. 563, 1975; Wheat & Feed Grains in Great Plains & Northwest: Supply Response & Resource Use, Great Plains Agric Coun No. 37, NE Agr Exp Sta 1970.
Mbr: WAEA.
Hon: Who's Who in America.

LAI, Lily K., 195 Broadway 30-C 1239, New York NY 10007; PH 212-393-3835.
Supervisor, Rates & Tariffs, AT&T (51) 10, 07, 08.
b. 1941 China; Citz: China; M-1.
BS 1964 Natl Taiwan Univ; MS 1967 Univ of KY; MA 1970, PhD 1972 Univ of WI.
Fields: 081, 091, 104, 050.
Prev Emp: Supr, Corp. Planning, AT&T, New York 1972-74; Econ, WI Telephone Co. Milwaukee WI, 1971-72.
Pub: Replacement of Dairy Cows-A Multistage Decision Making Problem, Univ of KY 1969; The Estimation of Effects of Expected Family Income and Socio-Economic Variables on U.S. Household Food Consumption, Univ of WI 1972.
Lang: Taiwanese; Other: Chinese 1-1-1, Eng 1-1-1.
Mbr: AEA; ES; AFA.

LAIRD, Roy D., Dept of Political Science, The Univ of KS, Lawrence KS 66045; PH 913-864-3523.
Professor, Pol. Sci & Slavic & Soviet Area, The Univ of KS (03) 02, 07, 08.
b. 1925 Nebraska; M-3.
BA 1947 Hastings College; MA 1952 Univ of NE; PhD 1956 Univ of WA; Soviet Studies 1952-53 Glasgow Univ.
Fields: 156, 072, 073, 012.
Prev Emp: Analyst, U.S. Govt, Washington DC 1956-57; Director, Slavic & Soviet Area Center, Univ of KS, 1967-69; Prof, Univ of KS 1957.
Pub: To Live Long Enough: Naum Jasny Scientific Analyst, KS Univ Press 1976; The Soviet Paradigm, Free Press, New York 1970; Soviet Communism and Agrarian Revolution, Pelican, Harmondsworth, England 1970.
Lang: Rus 2-0-3, Ger 2-0-3.
Mbr: APS; AASS; WASS, Vice Pres 1975.
Hon: Who's Who in Am; American Men & Women of Science; Pi Sigma Alpha.

LAMBERT, Don, Room 3337-S, 14th & Independence, Washington DC 20250; PH 202-447-6897.
Economist, USDA-REA (23) 07.
b. 1926 Missouri; M-2.
BS 1952 IA St Univ; MS 1964 MI St Univ; PhD 1973 MI St Univ.
Fields: 105, 041, 076, 032.
Prev Emp: Agr Econ, USDA-ERS, Washington DC 1965-74; Farm Mgr, Doane Agr Serv, Midwest 1953-60.
Pub: Role of Climate in Econ Development, Land Economics 1971; Regional Trends in Agr Prdouctivity, PhD Dissertation, MI St Univ 1973.
Mbr: ASFM&RA; OPEDA; ERS Chapter, Vice Pres 1974.
Hon: Accredited Farm Mgr Award 1958.

LAMBLE, G. Wayne, Faculty of Extension, Univ of Alberta, Edmonton, Canada T6G 2G4; PH 403-432-5050.
Assoc Professor, Univ of Alberta (03) 09.
b. 1943 Canada; Citz: Canada; M-2.
BS 1966, MS 1969 Univ of Alberta.
Fields: 031, 091, 092, 105.
Pub: Off-Farm Migrants: A Case Study of Characteristics and Adjustments, MS Dissertation, Univ of Alberta 1969.
Mbr: AIA; CSRE; CAES.

LAMM, Ray M., Jr., Dept of Agr Econ, VPI & St Univ, Blacksburg VA 24061; PH 703-951-5447.
Res Assoc, VPI & St Univ (03) 07, 22.
b. 1951 North Carolina; M.
BA 1972, MA 1974 NC St Univ.
Fields: 014, 083, 101, 081.
Prev Emp: Processing Supr, United Parcel Service, Raleigh NC 1974; Res Asst, NC St Univ 1973.
Pub: An Econometric Estimation of Aggregate Agricultural Production Functions, NC St Univ 1974; Using Historical Data, 1870-1930 (2) A Representative and Deterministic Model of the U.S. Vegetable Oil Industry, VPI & St Univ 1975.
Lang: Sp 2-1-1.
Mbr: AEA; ES.
Hon: Omicron Delta Epsilon.

LAMUS, Becerra, Fernando B., Calle 9a, No. 0-55, Cucuta, Colombia; PH 2-3825.
Gen Secretary, Oleaginosas Risaralda, S.A. (50) 05, 11, 12.
b. 1947 Colombia; Citz: Colombia; U.
Baccalaureat, 1964, Colegio Calasanz; Economist 1971 Univ of Bogota, Colombia.
Fields: 014, 095, 073, 114.
Prev Emp: Adm Mgr, Air Cargo Ltd, Bogota 1973-74; Mktg Econ, Cecora Ltd, Colombia 1972-73.
Pub: The Mechanization of Colombian Agriculture Through Cooperatives, Bogota 1971; Farmers Revolution Through Cooperation, La Republica, Bogota 1971.
Lang: Spanish; Other: Eng 1-2-1, Fr 2-2-2.
Mbr: CES; IPS; ESFC.

LAND, David B., 25 Acorn Park, Cambridge MA 02140; PH 617-864-5770.
Consultant, Arthur D. Little Inc (54) 22, 18, 08.
b. 1946 Florida; M.
BA 1973 New College MA; 1974 Univ of FL.
Fields: 010, 022, 141.
Prev Emp: Adm Counselor, New College FL 1972; Captain, U.S. Army 1966-70.
Lang: Sp 3-3-3; Creole 3-3-3.
Mbr: SID; NPA.

LANE, Grove A., 157 Lombard Avenue, Winnipeg, Manitoba, Canada R3B0T6; PH 204-985-4079.
Director, Econ Services, Manpower & Imigration (36) 06, 15, 19.
b. 1931 Canada; Citz: Canada; M-3.
BS 1953 Univ of Sask; MA 1958 Univ of NE; PhD 1961 Univ of MN.
Fields: 016, 075, 047, 123.
Prev Emp: Sr Res Anal, Royal Comm. on Farm Mach, Ottawa 1967-68; Chief Econ, Dom. Bur of Stat, Ottawa 1964-66; Econ Anal, Sask Agr, Regina 1962-63.
Pub: Prairie Manpower Review, Winnipeg Quarterly 1969- --; Consumer Price Index, Ottawa, Monthly 1964-66.
Lang: Fr 3-3-0.
Mbr: AEA; CAEA; CEA.

LANE, Stewart H., School of Agr & Ext Educ, OAC, Univ of Guelph, Guelph, Ontario, Canada N1G2W1; PH 519-824-4120.
Professor, Univ of Guelph (03) 08, 09, 06.
b. 1918 Canada; Citz: Canada; M-2.
BS 1939, MS 1941 Univ of Sask.
Fields: 014, 017.
Prev Emp: Prof & Chrm, Univ of Guelph, 1962-68; Prof, Univ of Guelph 1958-62.
Pub: Comparison of Structural Reform Policies in Agriculture, Univ of Newcastle, England 1970.
Mbr: CAES; IAEA; ASC.
Hon: Public Relations Award, CAES.

LANE, Sylvia, Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-1538.
Professor, Univ of CA, Davis (03) 08, 07.
b. 1916 New York; M-3.
AB 1934, MA 1936 Univ of CA; PhD 1957, Univ of Southern CA; 1937 Columbia Univ.
Fields: 054, 043, 137, 051.
Prev Emp: Chrmn, Dept of Finance, CA St Univ, Fullerton 1965-69; Assoc Prof, San Diego St Univ 1961-65; Asst Prof & Lecturer, Univ of Southern CA, Los Angeles 1947-60.
Pub: Economics of Consumer Class Actions, Jour of Consumer Affairs 1973; Personal Finance, John Wiley & Sons Inc, NY 1969; The Insurance Tax, A Major Tax Study, CA Legislature, Sacramento 1965.
Lang: Sp 2-0-0, Fr 2-0-0, Ger 2-0-0.
Mbr: AEA; ACCI, Brd of Dir 1972-74; AREUEA, Brd of Dir 1973-75.
Hon: Who's Who in America; Am Men & Women 9f Science; Omicron Delta Epsilon, Pres. 1973-75, Brd of Trustees 1976; Intl Economics Honorary, Ford Fellowship, Univ of Chicago 1965; Fellowship in Econ, Univ of Chicago 1968.

LANGEMEIER, David L., 100 Centennial Mall, North R435, Lincoln NE 68508; PH 402-471-5371.
Agr Econ, USDA-ERS-NRED (16) 07, 14, 23.
b. 1942 Nebraska; M-2.
BS 1963, MS 1965 Univ of NE.
Fields: 020, 080, 100, 019.
Mbr: AEA; WAEA; SCSA.

LANGEMEIER, Larry N., 327 Waters Hall, Dept of Agr Econ, KS St Univ, Manhattan KS 66506; PH 913-532-5823.
Assoc Professor, KS St Univ (03) 07, 09.
b. 1942 Nebraska; M-3.
BS 1963 Univ of NE; MS 1965, PhD 1968 Univ of MO.
Fields: 012, 016, 081, 083.
Prev Emp: Instr, Univ of MO 1967; Asst Prof, KS St Univ 1968.
Pub: Demand, Price & Price Rel for Beef Sector, Post World War II, JFE 1967; Effect of Tenure Rel on Res Eff, CJAE 1970; Effects of Split-Demand & Slaug Cap Assumptions on Optm Locations of Cattle Feeding, AJAE 1971.
Lang: Sp 3-0-0
Mbr: SAEA; WAEA.

LANGFORD, Don Alan, Dept of Agr Econ, Texas A & M Univ, College Station TX 77843; PH 713-845-2726.
Grad Res Asst, TX A&M Univ (03) 23.
b. 1950 North Dakota; U.
BS 1972 Univ of MO; MS 1973 Univ of MO.
Fields: 013, 012.
Prev Emp: Grad Res Asst, Univ of MO 1972-7
Mbr: SAEA; WAEA.
Hon: Who's Who Among Students in Am Colleges and Universities.

LANGHAM, Max R., Tanglin PO Box 84, Singapore 10 Singapore.
Res Officer, The Agr Devl Council Inc. (67) 07, 01, 19.
b. 1930 Illinois; M-4.
BS 1952, MS 1958, PhD 1961, Univ of IL; Postdoctoral 1968-69 Univ of MN.
Fields: 081, 084, 073, 062.
Prev Emp: Vstg Assoc Prof, Univ of MN 1968-69; Asst Prof, LA St Univ 1960-62.
Pub: Agricultural Pesticides: Productivity and Externalities, Kneese & Bower 1972; Dynamic Linear Programming Model for Development Planning 1968; Theory of Firm & Mgt of Residuals, AJAE 1973.
Lang: Fr 3-0-0; Ger 3-0-0.
Mbr: ES; AEA; ASA.
Hon: Am Mem & Women of Science; Fellow, Univ of IL 1959-60.

LANHAM, William J., 243 Barre Hall, Dept of Agr Economics, Clemson Univ, Clemson SC 29631; PH 803-656-3374.
Professor, Clemson Univ (03) 07, 08, 21.
b. 1922 South Carolina; M-3.
BS 1943, MS 1959, Clemson Univ; PhD 1963 NC St Univ.
Fields: 035, 013, 017, 038.
Prev Emp: Exec Dir, Coastal Plains Reg. Comm, Washington DC 1974-75; Prof & Dept Head, Clemson Univ 1963-74; Agr Econ, ERS-USDA, Clemson Univ 1956-63.
Pub: Area Resource Adjustments for Specified Revenue Goods, NC St Univ 1964; Economic Alternative of Agr Enterprises in Coastal Plains Region, CPRC, Wash. DC 1971; Economic Analysis of Grain Export Facility, Clemson Univ 1971.
Mbr: AEA; SAEA, Director; ASA.
Hon: Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta.

LANPHER, Buel F., Extension Service, USDA, 14th & Independence Avenue SW, Washington DC 20250; PH 202-447-7165.
Program Leader Farm Mgmt, USDA (17) 09, 20, 19.
b. 1922 USA; M-3.
BS 1947, MA 1949 Univ of MO; PhD 1955, IA St Univ; 1944-45 Harvard Business School.
Fields: 012, 013, 018, 017.
Prev Emp: Ext Econ, Univ of KY 1955-58; Res Asst, IA St Univ 1953-55; Dist Farm Mgmt Spec, IA St Univ 1950-52.
Pub: Management & Policy Implications of Cost & Return Budgets: Extension's Role in Formulation & Use, SJAE 1975; Double Cropping With Soybeans-Will it Pay on Your Farm, ES USDA Publication 1974; Inventory of EDP Programs Used in Agricultural Extension, ES-USDA Publication 1973.
Mbr: ASFM&RA; IAAE; WAEA.

LANSFORD, Robert R., Box 3169, Las Cruces NM 88003; PH 505-646-3105.
Professor, NM St Univ (02) 07, 08.
b. 1937 New Mexico; M-5.
BS 1961, MS 1962 NM St Univ; PhD 1965 Univ of MN.
Fields: 021, 011.

LAPEYRE, Arturo C., Concha Espina 67, Madrid Spain L¢.
Catedratico Numerario, Universidad Politecnica (03) 08, 17, 07.
b. 1916 Spain; Citz: Spain; M-5.
Doctor 1939 ETS Ing Agronomos.
Fields: 017, 013, 071.
Prev Emp: Dir General, Banco Credito Agr, Madrid 1975.
Pub: La Agricultura Espanola y el M.C., ESPASA-CALPE 1957-59; La Agricultura Espanola y el Desarrollo, I.C. Hispanica 1957.
Lang: Spanish; Other: Eng 1-2-2.

LAPLANTE, Merritt G., School of Bus. SE MA Univ, N. Dartmouth MA 02747; PH 617-997-9321.
Assoc Prof, SE MA Univ (03) 08, 23, 02.
b. 1932 Massachusetts; M-2.
BS 1958, MS 1960 Univ of MA; PhD 1966 TX A&M Univ.
Fields: 090, 095.
Prev Emp: Asst Prof, Univ of GA, Athens 1967-71; Dir Info Serv, Univ of DE, Newark 1960-64.
Pub: An Analysis of Brand Composition and Price for Selected Fluid Milk Products, TX A&M Univ 1966; An Analysis of Quality & Prices of Pecans, Univ of GA 1971.
Lang: Ger 3-0-3.
Mbr: AMA.
Hon: Gamma Sigma Delta.

LARD, Curtis F., Dept of Agr Econ, TX A & M Univ, College Station TX 77840. PH 713-845-3711.
Asst Dean of Agr, TX A & M Univ (03) 02, 08, 07.
b. 1935 Alabama; M-4.
BS 1957, Univ of TN; MS 1959, PhD 1963 MI St Univ.
Fields: 011, 012, 060.
Prev Emp: Assoc Prof, Univ of TN 1963-67; Res Assoc, MI St Univ 1961-63.
Pub: Present Status of Undergrad Agr Econ Programs, AJAE 1972; At a Crossroads: Graduate Teaching in Agr Economics, AJAE 1969; A User's Guide to Linear Programming, TX A&M Univ 1970.
Lang: Fr 2-0-0.

LARSON, Adlowe L., Univ of Wisconsin, MUCIA, 4121 Helen White Hall, Madison WI 53706; PH 608-263-3711.
(03) 03, 09, 08.
b. 1907 South Dakota; M-2.
BS 1934, MS 1934 SD St Univ; PhD 1944 Univ of WI.
Fields: 014, 017, 053, 118.
Prev Emp: Prof, Agr Econ, OK St Univ, 1936-62; Dir., Intl Coop Training Center, Madison WI 1962-71; NOTE: Present work in adm in higher educ in Indonesia.
Pub: Agricultural Marketing, Prentice Hall, New York 1951; An Evaluation of the Proposed Program, the Rural Development Approach Through Coops, USAID, Philippines 1972; Thailand Agricultural Cooperatives, USAID Thailand 1968.

LARSON, Donald K., EDD-ERS Room 457 GHI Bldg, 500 12th Street SW, Washington DC 20250; PH 202-447-8142.
Agr Econ, USDA (16) 07, 18.
b. 1932 Missouri; M-2.
BS 1957, MS 1960 Univ of ID; PhD 1972 MT St Univ.

Fields: 044, 043, 062, 063.
Prev Emp: Agr Econ, Bureau of the Census, Washington DC 1959-62; U.S. Air Force 1951-53.
Pub: Economic Class as a Measure of Farmer Welfare, AJAE 1975; Wage & Salary Income: A "Big Crop" for People With Farm Earnings, JNAEC 1974.
Mbr: WAEA, NAEC.
Hon: Alpha Zeta.

LARSON, Donald W., Dept of Agr Econ & Soc, Ohio St Univ, Columbus OH 43210; PH 614-422-6731.
Asst Professor, OH St Univ (03) 08, 07.
b. 1940 Minnesota; M-3.
BS 1962 SD St Univ; MS 1964, PhD 1968, MI St Univ.
Fields: 014, 019, 070.
Prev Emp: Asst Prof, MI St Univ 1968-70.
Pub: Farm Growth in Brazil, OH St Univ 1975; Demand for Fertilizers in a Developing Country: The Case of Sao Paulo 1948-71, Brazil 1974; Market Coordination & Economic Devl in the Cauca Valley Area of Colombia, MI St Univ 1970.
Lang: Por 1-1-1, Sp 1-2-1.
Mbr: IAAE; Brazillian AEA.
Hon: Am Men & Women of Science.

LARSON, Olaf F., Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-4514.
Professor Emeritus, Cornell Univ (76) 07.
b. 1910 Wisconsin; M-2.
BS 1932, MS 1933, PhD 1941 Univ of WI.
Fields: 155, 047, 031.
Prev Emp: Dir, NE Reg Center for Rural Devl, Ithaca NY 1972-75; Prof, Cornell Univ 1946-75; Social Sci Anal, USDA, Washington DC 1938-46.
Pub: Ten Years of Rural Rehabilitation in the U.S., BAE-USDA 1947-51.
Mbr: RSS, Pres. 1957-58; ASA; SRA.
Hon: Who's Who in Am; Directory of Am Scholars; Am Men & Women of Science; Fulbright Res Scholar Norway 1951-52, Italy 1961-62; Scholar Center for Advanced Study in Behavioral Sciences 1967-68.

LARZELERE, Henry E., Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-355-2298.
Professor, MI St Univ (03) 09, 07.
b. 1911 Ohio; M-3.
BA 1933, Oberlin College; MS 1934 OH St Univ; PhD 1938 Univ of WI.
Fields: 018, 014, 016, 015.
Prev Emp: Econ, Korean Proj, MI St Univ 1971; Sr Agr Econ, AID Proj, Tanzania 1968-69; Consultant, Center for Intl Prog, MI St Univ, Bangladesh 1967.
Pub: Market OUtlook, MI Farmer, 21 issues per year, 1969- --; Egg Price Model for the Japanese Egg Industry, Japanese Poultry Sci, January 1974; Farmer Cooperatives & Their Capital & Credit Requirements, Capital Comm. of the Central Bank for Coops, Sept 1974.
Lang: Fr 3-0-0, Ger 3-0-0.
Mbr: IAAE; PSA; IPSA.
Hon: Who's Who in Am; Am Men & Women of Science; Natl Faculty Directory; Gamma Sigma Delta; Dist. Service Citation by the MI Poultry Industry 1975.

LASLEY, Floyd A., ERS-USDA, The Floyd A. Lasley Dairy, Washington DC 20250; PH 202-447-8702.
Agr Econ, ERS-USDA (16) 07.
b. 1925 Missouri; M-1.
BS 1948, ME 1957, PhD 1962 Univ of MO.
Fields: 014, 016.
Prev Emp: Asst Prof, Univ of MO 1962; Instr, Univ of MO 1957-62; Voc Agr Instr, MO High School 1948-57.
Pub: Economic Aspects on Dairying in Northeast, ERS-USDA 1970; Coordinating Fluid Milk Supplies in Pittsburgh Market, ERS-USDA 1966; Coordinating Fluid Milk Supplies in Oklahoma Market, ERS-USDA 1964.
Lang: Ger 3-0-0, Fr 3-0-0.
Mbr: NAEC; SAEA.
Hon: Gamma Sigma Delta; Phi Eta Sigma.

LATTIMORE, Ralph G., Econ Branch Agr Canada, Sir John Carling Bldg, Ottawa, Ontario, Canada K1A 0C7; PH 613-994-5571.
Economist, Agr Canada (26) 07, 18.
b. 1945 New Zealand; M-4.
BS 1968 Univ of Canterbury; MS 1971 Massey Univ; PhD 1974 Purdue Univ.
Fields: 110, 016, 112, 080.
Lang: Por 2-1-2, Fr 2-1-2.

LAUBIS, Robert E., USDA-AMS, 14th & Independence Avenue SW, Washington DC 20250; PH 202-447-8607.
Chief, Program Analysis Group, USDA (23) 19, 18, 11.
b. 1926 Ohio; M-3.
BS 1949, MS 1956, PhD 1959 OH St Univ.
Fields: 014, 013, 016, 017.
Prev Emp: Sr Agr Econ, AID, Washington DC 1973-75; Agr Econ, AID, Korea 1971-72, Laos 1967-71; Agr Econ, USDA, Washington DC 1960-67.
Pub: Evaluation Joint RLG/USAID Accelerated Rice Production Program, USAID, Laos. November 1969.
Lang: Fr 3-0-3, Sp 3-0-3.
Hon: Who's Who in Government.

LAURENT, Charles K., Room 3509-S, FDD-ERS-USDA, Washington DC 20250; PH 202-447-6253.
Agr Econ, FDD-ERS-USDA (16) 06, 22.
b. 1922 Florida; M-3.

BS 1949 Univ of FL; MS 1950, PhD 1952 Cornell Univ.
Fields: 073, 014, 012.
Prev Emp: Team Leader, USDA, Iran 1973-75; Team Leader, USDA, El Salvador 1970-73; Pres & Gen Mgr, Marbut Milling Co, 1957-64.
Pub: Livestock Development in Iran, Tehran Iran 1975; Agricultural Marketing in Tanzania, MI St Univ 1970; A Food Supply Center for Cali, Colombia, Bogota, Colombia 1965.
Lang: Sp 1-2-1, Fr 2-3-2.
Mbr: PSA; IAAE; SID.

LAW, Jerry M., Dept of Agr Econ, LA St Univ, Baton Rouge LA 70803; PH 504-388-3284.
Professor, LA St Univ (03) 07, 08, 09.
b. 1920 Louisiana; M-3.
BS 1942, MS 1948 LA St Univ; PhD 1959 Univ of MN; 1949 VPI & St Univ.
Fields: 014, 015, 016, 051.
Prev Emp: Guest Prof, Univ of Hokkaido, Japan 1960; Asst Prof, Univ of AR 1950-51.
Pub: Price Performance in the Louisiana Sweet Potato Market, LA St Univ 1974; Interregional Competition in Marketing Fresh Sweet Potatoes, LA St Univ 1964; The Development of a Classification of Market Structures for Agriculture, Univ of MN 1959.
Lang: Fr 2-0-0, Sp 2-0-0.
Mbr: SAEA, Sec. 1967-68.
Hon: Who's Who in Am; Dir of Am Scholars; Intl Who's Who; Am Men & Women of Science; Phi Kappa Phi; Gamma Sigma Delta; Alpha Zeta.

LAWRENCE, John A., Canfarm Service Agency, P O Box 1024, Guelph Ontario, Canada N1H 6N1; PH 519-821-8000.
Chief, Prog Devl, Canfarm Service Agency (78) 06, 15, 08.
b. 1944; Citz: Canada; M-1.
BS 1969, MS 1971 Univ of Guelph.
Fields: 012, 141, 090, 020.
Prev Emp. Lecturer, Centralia Coll of Agr, Ontario, Canada 1970-71.
Lang: Fr 2-2-2.
Mbr: CAES; AIC; CSRE.

LAWRENCE, Robert G., Dept of Agr, Univ of MD, College Park MD 20742; PH 301-454-3803.
Assoc Professor, Univ of MD (03) 09, 07.
b. 1933 Canada; Citz; Canada; M-2.
BS 1957, MA 1960 Univ of OK; PhD 1969 TX A&M Univ.
Fields: 014, 016, 012, 027.
Prev Emp: Res Asst, TX A&M Univ 1965-68; Sales Eng, Intl Harvester 1963-65; Ranch Mgr, Pinebrook Ranches, Alberta Canada 1962-63.
Pub: MD's Racing Ind, Univ of MD, Coop Ext Serv 1972; Thoroughbred Yearling Mkt, Univ of MD Coop Ext Serv 1973.
Mbr: NEAE; WAEA.
Hon: Am Men & Women of Science; Phi Kappa Phi; Epsilon Sigma Phi.

LEA, Dallas M., Room 425-A, 500 12th Street SW, Washington DC 20250; PH 202-447-8320.
Agr Econ, ERS-USDA (16) 07.
b. 1923 Louisiana; M-2.
BS 1949, MS 1952 LA St Univ; 1968-70 Univ of MD.
Fields: 021, 026, 011, 017.
Prev Emp: Agr Econ, ERS-USDA, Morgantown WV 1966-68; Agr Econ, ERS-USDA, Indianapolis IN 1964-66; Agr Econ, ERS-USDA, Columbus OH 1963-64.
Pub: Agr Economy of the Ohio River Basin Columbus OH 1963; Agri Economy of the Grand River Basin, Indianapolis IN 1964; Evolution of the Small Watershed Program, Washington DC 1974.
Mbr: SCSA.
Hon: USDA Group Superior Serv Award 1968.

LEACH, Paul V., 339 Webster Street NW, Washington DC 20011.
Self-Employed (75) 11, 07, 23.
b. 1943 Ohio; M.
AB 1970 Georgetown Univ; 1-1/2 years NM St Univ; 1/2 year WV Univ.
Fields: 073, 014, 015.
Prev Emp: Res Asst, NM St Univ, 1973-75; Teacher, DC Public Schools, Washington DC 1968-70; Peace Corps Volunteer, Bolivia 1963-65.
Pub: Subsector Analysis of Beef Industry in Paraguay, Asuncion, Paraguay 1975.
Lang: Sp 1-1-1, Por 1-1-1.
Hon: Georgetown Univ Translator's Cert of Honors, Portugese-English.

LEARN, Elmer W., Mark Hall, Univ of CA, Davis CA 95616; PH 916-752-2065.
Exec V Chancellor & Prof, Univ of CA, Davis (03) 02.
b. 1929 USA; M-2.
BS 1950, MS 1951, PhD 1957 PA St Univ; Univ of MN - 1 year.
Fields: 017, 112, 016.
Prev Emp: Exec Asst to Pres, Dir of Plng, Univ of MN, Minneapolis 1964-69; Prof & Head of Dept, Univ of MN, St Paul, 1963-64; Asst Prof-Professor, Univ of MN St Paul 1957-63.
Pub: Administrative Controls on Quantities Marketed in the Feed-Livestock Economy, MN Agr Exp Sta Tech Bull. #241, 1962; The Impact of European Integration on American Agriculture, JFE 1963.
Lang: Fr 3-3-0, Ger 3-0-0.
Mbr: AAAS; AAUP.
Hon: Who's Who in Am; Am Men & Women of Science; Grad Student Award, AAEA.

LEATH, Mack N., ASCS Commodity Office, PO Box 8377, Shawnee Mission KS 66208; PH 816-926-6498.
Agr Econ, ERS-USDA (16) 07, 19.
b. 1941 Alabama; M-2.
BS 1963, MS 1965 Auburn Univ; PhD 1970 OK St Univ.

Fields: 014, 082, 084, 081.
Prev Emp: Res Assoc, OK St Univ, Stillwater OK 1965; Res Assoc, Auburn Univ 1963-65.
Pub: An Interregional Analysis of the U.S. Grain Market System, Washington DC 1971; The Transhipment Problem With Inequality Restraints, JFE 1966; Regional Preferences for Wheat Flours, Wheat Situation 1975.
Lang: Sp 3-0-0.
Mbr: SAEA.
Hon: Phi Kappa Phi; Omicron Delta Kappa; Gamma Sigma Delta.

LEBLANC, Louis A., Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-2116.
Res Asst, TX Agr Exp Sta (03) 23, 07.
b. 1948 USA; U.
BS 1972, MA 1974 Univ of Houston.
Fields: 014, 112, 101, 155.
Mbr: SAEA.

LECKIE, Herbert K., 5233 Dundas Street W. Islington, Ontario, Canada M9B1A6; PH 416-239-8411.
Gen Mgr, Meat Packers Council of Canada (53) 04, 15, 18.
b. 1911 Canada; Citz: Canada; M-2.
BA 1937, BA 1938 Univ of W. Ontario; MA 1948 Univ of Toronto.
Fields: 014, 015, 017, 156.
Prev Emp: Prof., Ont Agr College, Guelph 1945-50; Econ, Econ Div, Agr Canada, Ottawa, 1938-45.
Pub: Family Farm Business Arrangements in Ontario, Guelph Agr College 1951; A Quarter Century of Development in Canadian Hog Industry, Toronto 1948; The Canadian Meat Industry, JCAES.
Lang: Fr 1-2-3.
Mbr: CAES, Pres 1952; Agr Inst of Canada, Natl Dir, V. Pres 1969.
Hon: Canadian Who's Who; Centennial Medal Univ of Guelph 1974.

LECLAR, Gerald A., Box 511, Cooperstown NY 13326; PH 607-547-2536.
Coop Ext Agent, Coop Ext (17) 09.
b. 1949 New York; M.
AA 1969 SUNY, Delhi NY; BS 1971, MS 1974 Univ of GA.
Fields: 012, 013, 021, 031.
Mbr: NYS Agr Agents, Reg V. Pres.

LEDERER, Thomas H., FDCD-ERS-USDA, 500 12th Street SW, Washington DC 20250.
Country Anal-Asia Prog, ERS-USDA (FDCD) (16) 07.
b. 1945 New York; M.
BS 1968 WV Univ; MS 1972, PhD 1976 Univ of TN.
Fields: 070, 073, 032, 017.
Pub: Feasibility of Wood Industries in Model Valley, TN Farm & Home Sci 1973.
Mbr: SAEA.

LEE, Alvin T.M., 182 N. Columbus Street, Arlington VA 22203; PH 703-528-8995.
Retired (23)
b. 1905 North Dakota; M-3.
BS 1931 ND St Univ; MS 1932, PhD 1935 Cornell Univ.
Fields: 020, 030, 010.
Prev Emp: Prin Agr Econ, CSRS-USDA, Wash. DC 1953-73; Sr Agr Econ, Agr Div-Bureau of Census, Washington DC 1948-53; Agr Econ, BAE-USDA, Washington DC 1940-48.
Pub: Taxes & Financing of Public Services, Agr Sci Review 1972; Land Use and Soil Conservation, Clemson SC 1948; Land Utilization in New Jersey, NJ St Agr Exp Sta 1939.
Lang: Norse 2-2-2.
Mbr: SAEA; AARP; Natl Assoc Retired Fed Employees.
Hon: Am Men & Women of Science.

LEE, Bruce M., Box 220, Portage La Prairie, Manitoba, Canada R1N 3B5; PH 204-857-8749.
Farm Mgmt Spec, Agr Canada (17) 20, 09, 06.
b. 1947 Canada; Citz: Canada; M-2.
BS 1970, MS 1973 Univ of Manitoba.
Fields: 016, 012, 014, 083.
Prev Emp: Res Econ, Agr Canada, Ottawa 1973; Econ-Stat, St Boniface Gen Hosp, Winnipeg 1972.
Pub: An Economic Analysis of Factors Influencing Demand and Prices in the Canadian Poultry Meats Industry, Univ of Manitoba 1973.
Lang: Fr 2-2-3.
Mbr: CAES.

LEE, Chong-Yeong, FAO Regional Office, Phra Atit Road, Bangkok, Thailand; PH 817844.
Reg Mktg, Credit & Coops Office, FAO-UN. (63) 03, 22.
b. 1932 Korea; Citz: Korea; M-3.
BA 1960 Yeungnam Univ; MA 1962 Kyongpook Univ; MBA 1966 Univ of HI; ITP Cert. 1970 Harvard Univ.
Fields: 014, 095, 013.
Prev Emp: FAO Mktg Adv, Govt of Nepal, Katmandu, Nepal 1971-73; Prof., Yeungnam Univ, Korea 1962-71.
Pub: Agri Marketing in Developing Countries, Taegu, Korea 1962; Cases in Marketing, Yeungnam Univ, Korea 1970; Marketing Improvement for Economic Development, Yeungnam Univ, Korea 1971.
Lang: Korean; Other: Eng 1-1-1, Jap 1-1-1.
Mbr: AMA.

LEE, Deane, Food & Resource Econ Dept, Univ of Massachusetts, Amherst MA 01002; PH 413-545-2495.
Assoc Prof, Univ of MA (03) 08, 09, 07.
b. 1920 Massachusetts; M-4.
BS 1947, MS 1958 Univ of MA.

Fields: 011, 012, 151, 157.
Prev Emp: Farm Owner-Operator, 1951-56; Instr, New Salem Academy 1949-51; Instr Univ of MA 1947-48.
Mbr: OAH; AHS.

LEE, Hong Yong, Dept of Agr Econ, TX Tech Univ, Lubbock TX 79409; PH 806-742-7252.
Assoc Prof, TX Tech Univ (03) 08, 07.
b. 1934 Korea; Citz: USA; M-3.
BS 1959 Central MO State; MS 1962, PhD 1967 OK St Univ.
Fields: 014, 081, 062.
Prev Emp: Supr. Purina Korea Inc, Korea, 1968-69.
Pub: Disaggregation of Natl Data on Cattle Stillwater OK 1967; Econ Feasibility of Hog Slaughter, Lubbock TX 1973; Swine Marketing Potential of Texas, Lubbock TX 1975.
Lang: Korean; Other: Jap 1-2-2.
Mbr: SAEA; WAEA; ODE.

LEE, John E., Jr., Rm 350, 500 12th Street SW, Washington DC 20250; PH 202-447-8676.
Dir-Comm Econ Div, ERS-USDA (16) 06, 18, 07.
b. 1933 Alabama; M-3.
BS 1957, MS 1958 Auburn Univ; PhD 1969 Harvard Univ.
Fields: 011, 015, 016, 017, 018.
Prev Emp: Dir, Farm Prod Econ Div, ERS-USDA, Washington DC 1971-73; Chief, Agr Finance Branch-ERS, Washington DC 1967-71; Agr Econ, ERS-USDA, Washington DC 1962-67.
Pub: Allocating Farm Resources Between Farm & Non Farm Uses, JFE, Feb 1965; Resource Ownership and Use Rights in Agriculture in "The Structure of Southern Farms in the Future" 1968; Exact Aggregation in L-P Models of Agric Production, PhD Dissertation, Harvard Univ 1968.
Mbr: AEA; SAEA; NAEC; WAEA.
Hon: Who's Who in Government.

LEE, Jong K., PO Box Suh-Dae-Moon 50, Seoul, Korea; PH 73-0021 (Korea).
Assoc Mgr, Foreign Trade Dept, Natl Agr Coop Fed-Korea (70) 10, 07.
b. 1936 Korea; Citz: Korea; M-3.
BA 1963, MBA 1972 Korea Univ; MA 1974 W. IL Univ; 1975 Univ of WI.
Fields: 094, 014, 112, 132.
Lang: Korean; Other: Eng 1-1-1.

LEE, Jonq-Ying, Dept of Food & Res Econ, MCC G104, Univ of Florida, Gainesville FL 32611; PH 904-392-1724.
Asst Res Science, Univ of FL (03) 07.
b. 1944 Rep of China; Citz: China; U.
BS 1966, MS 1969 Natl Taiwan Univ; MS 1972, PhD 1975 Univ of FL.
Fields: 081, 021, 084, 150.
Prev Emp: Res Asst, Univ of FL, 1969-75.
Pub: A Simultaneous Equation Model of the Economic-Ecologic System in Citrus Groves, SJAE 1973.
Lang: Cantonese; Other: Mandarin 1-1-1, Eng 1-1-1.
Mbr: Omicron Delta Epsilon.

LEE, Kyung W., Box 158, Hudson IA 50643; PH 319-988-3295.
Mkt Anal, Am Soybean Assoc (70) 15, 18, 07.
b. 1943 Korea; M-2.
BS 1965, MS 1969 Seoul N. Univ; MA Univ of NIA; PhD 1973 Univ of IL.
Fields: 014, 080, 090, 073.
Prev Emp: Res Asst, Univ of IL, Champaign (4 years); Instr, Univ of N. IA Cedar Falls IA.
Pub: Economic Lifeline-Feeder Road, Modern Government & Natl Devl, Nov 1969; Some Effect of Road on Agr Production, Thesis 1969; Multivariate Analysis of Demand for Grain Dryers, PhD Dissertation 1973.
Lang: Korean; Other: Eng 1-1-1, Ger 3-0-0.
Mbr: AEA.

LEE, Nai-Soo, ASPAC, Food & Fertilizer Technology Ctr, 4th Floor, 116 Huai, Ning Street, Taipei, Taiwan; PH 371-7257.
Agr Econ, ASPAC, Food & Fertilizer Tech Ctr (67) 09, 07.
b. 1939 Korea; Citz: Korea; M-2.
BS 1964 Seoul Natl Univ; MS 1973 TX A&M Univ.
Fields: 013, 017, 087, 093.
Prev Emp: Econ, Korean Agr Plng Proj, Seoul, Korea 1974-75; Asst Dir, Office of Foreign Trade, NACF, Korea, 1974; Econ, Res Dept, NACF, Korea 1966-74.
Pub: Analysis of Fertilizer Policy in Korea, Seoul, Korea 1975; Improving Market Performance in Korea Agriculture, Seoul, Korea 1975.
Lang: Korean; Other: Eng 1-1-1.
Mbr: Korean AES.

LEE, Robert E. II, Div of Long Range Plng, Dept of Conservation, Springfield IL 62706; PH 217-782-3884.
Res Anal, IL Dept of Conservation (40) 07, 15, 06.
b. 1944 Vermont; D.
BS 1966 Rutgers Univ; MS 1969, PhD 1975 Univ of MA.
Fields: 045, 026, 084, 038.
Prev Emp: Res Asst, Univ of MA, Amherst 1966-73; Teaching Asst, Univ of MA, Amherst 1969-70.
Pub: The Impact of Popn & Econ Pressure on Agriculture, Pub #89, TechGuid Cen for Env Quality, MA 1973; Evaluating Land-Use Alternatives in Rural-Urban Fringe Areas, JNAEC 1972; Fish Retailing Practices and Consumer Demand for Fish in a Case Study MA Grocery Chain, Bull #590, Agr Exp Sta MA 1970.
Mbr: NAEC.

LEE, Robert Ellsworth, Rua Inacio Lustosa 932, Curitiba, Brazil; PH 22-3290.
Pres, Embrasca Ltd (51) 01, 10, 15.
b. 1941 Connecticut; M-2.
BS 1963 Univ of CT; MS 1965, PhD 1968 Purdue Univ.
Fields: 091, 023, 038, 117.
Prev Emp: Prof Cons, Arthur D Little Inc, Massachusetts 1967-74; Res Econ, USDA, Lafayette IN 1965-67.
Pub: Location Logistics System for Feed Manufacturers, USDA 1968; Agr Development Opportunities, Minas Gerais, Brazil, ADL, 1971; Forest Development Opportunity in Brazil 1974.
Lang: Por 1-2-1, Fr 2-0-0.
Mbr: Natl Econ Club; Lions Club.
Hon: Company Director.

LEE, Tsoung-Chao, U-21 Dept of Agr Econ, Univ of Connecticut, Storrs CT 06268; PH 203-486-2741.
Professor, Univ of CT (03) 08, 07, 02.
b. 1935 Taiwan; Citz: USA; M-2.
BS 1958 Natl Taiwan Univ; MS 1965 Univ of IL; CIC Tvlg Scholar 1966 Univ of WI; PhD 1967 Univ of IL.
Fields: 081, 075, 084, 016.
Prev Emp: Asst-Assoc Prof, Univ of CT, Storrs 1967-75; Teaching Asst, Natl Taiwan Univ, Taipei, Taiwan 1960-63.
Pub: Estimating the Parameters of the Market Probability Model from Aggregate Time Series Data, North Holland Pub Co 1970; A Positive Model of Spatial Equilibrium With Special Reference to the Broiler Markets, North Holland Publishing Co 1973; Maximum Likelihood and Bayesian Estimation of Transition Probabilities, JASA, December 1968.
Lang: Taiwanese; Other: Mandarin 1-1-1, Jap 1-2-2, Fr 3-3-3, Ger 3-3-3.
Mbr: NAEC; Econometrica.
Hon: Am Men & Women of Science; Community Leaders of Am 1970-71; Intl Scholars Dir 1972; AFEA MS Thesis Award 1965; Natl Construction Seminars, Rep of China 1974; Outstanding Educators of Am, Award Certificate 1975.

LEE, Warren F., Dept of Agr Econ, OH St Univ, Columbus OH 43210; PH 614-422-2641.
Assoc Professor, OH St Univ (03) 08, 07, 09.
b. 1941 Canada; Citz: Canada; M-3.
BS 1963 Univ of Toronto; MS 1967 Univ of IL; PhD 1970 MI St Univ.
Fields: 013, 012, 094, 133.
Prev Emp: Prod Econ, Agr Canada, Ottawa 1975-76; Res Asst, MI St Univ 1967-70; Cr Adv, Farm Cr Corp, Toronto 1963-65.
Pub: Agricultural Finance, IA St Univ Press 1973; Conversion of Farm Assets for Retirement Purposes, MI St Univ 1970.
Hon: Am Men & Women of Science; Canada Coun Doctoral Fellowship 1970.

LEEKS, Anthony G., FAO-UN, Via Letermedi, Caracalla, Rome, Italy.
Dept Dir-Commodity Div, Food & Agr Org, United Nations (63) 03, 18, 22.
b. 1927 England; Citz: UK; M-3.
BS 1951 London Univ.
Fields: 118, 018, 017.
Prev Emp: Chf, Basic Food Ser.,FAO, Rome, 1969-74; Chf, Grains Br, FAO, Rome 1964-69.
Lang: Fr 2-3-3, Ita 2-3-3.
Mbr: Fabian Society.
Hon: UN Director.

LEGER, Hector J., 2209 Cole Village, NM St Univ, Las Cruces NM 88003.
Grad Student, NM St Univ.
b. 1948 Dom. Republic; Citz: Dom. Rep; M.
BS 1971 Univ Nacional "Pedro Hquez. Urena".
Fields: 011, 014, 080, 050.
Prev Emp: Res Asst, Sugar Cane Exp Sta, Consejo Estatal Del Azucar, Dominican Republic 1971-74.
Lang: Spanish; Other: Eng 2-2-2.

LEIKIND, Hyman, 1725 K Street NW, Wash. DC 20006; PH 202-659-2255.
Intl Agr Cons., Self-Employed (75) 22, 07, 06.
b. Ohio; M-2.
BS 1939 OH St Univ.
Fields: 112, 111, 017.
Prev Emp: Chief, Agr Div, U.S. Tariff Comm (ITC) Washington DC 1941-74.
Mbr: AEA; WEA.
Hon: Who's Who in Government.

LEISTRITZ, Fredrick L., 218 Morrill Hall, ND St Univ, Fargo ND 58102; PH 701-237-7441.
Assoc Professor, ND St Univ (03) 07, 08, 06.
b. 1945 Nebraska; M-1.
BS 1967, MS 1968, PhD 1970 Univ of NE.
Fields: 011, 020, 030, 080.
Prev Emp: Asst Prof, ND St Univ, Fargo 1970-73; Res Asst, Univ of NE, Lincoln 1967-70.
Pub: U.S. Coal Ownership: Patterns, Problems and Suggested Solutions, Natural Res Jour, Vol 15, 1975; Economics of Ranch Management Alternatives in Southwestern North Dakota, Jour of Range Mgmt, Vol. 28 1975; Profile of ND's Coal Mine and Electric Power Plant Operating Work Force, ND Agr Exp Sta 1975.

Lang: Sp 2-3-3.
Mbr: WAEA; SRM; Reg Sci Assoc.
Hon: Am Men & Women of Science; Who's Who in the Midwest; Gamma Sigma Delta; Alpha Zeta; AE Dept Sr Award.

LEITH, W. Gordon, P O Box 7305, Kansas City MO 64116; PH 816-459-6204.
Corp V. Pres., Farmland Ind Inc. (52) 05.
b. 1916 Wisconsin; M-1.
BS 1938 Univ of WI; MS 1939 Univ of CA.
Fields: 014, 091, 015.
Prev Emp: Econ, Natl Council of Farmer Coops, Washington DC 1946-49; U.S. Navy 1942-46; Econ, USDA, Washington DC 1939-42.
Mbr: AMA; Natl Council of Farmer Coops, Pres. 1973, Chrmn 1974.
Hon: Who's Who in America.

LEMMA, Mershaye, College of Agr, PO Box 138, Dire Dawa, Ethiopia.
Lecturer, Univ (03) 08, 09.
b. 1947 Ethiopia; Citz: Ethiopia; U.
BS 1972 College of Agr, Alemaya, Ethiopia, MS 1974 (2) Univof WI-Madison.
Fields: 014, 110, 013, 159.
Prev Emp: Tchg Asst, College of Agr, Alemaya 1972-73; Asst Credit Mgr, CADU, Arussie, Ethiopia 1970-71.
Lang: Amharic; Other: Eng 1-1-1.

LENGGU, Samuel C., Gununng Gede 2, Bogor Indonesia.
Lecturer, DVM, MS Faculty of Animal Husbandry (03) 08, 07, 23.
b. 1934 Indonesia; Citz: Indonesia: M-4.
DVM 1965 Bogor Agr Univ; MS 1974
Fields: 011, 012, 151.
Prev Emp: Head of Livestock Div, Bogor Agr Univ 1970-72.
Pub: Demand of Meat & Egg of Jakarta, Bogor, Indonesia 1971; Profitability of Beef Cow-Herd Business in Wisconsin, Univ of WI 1974.
Lang: Indonesian; Other: Eng 1-1-1, Ger 1-2-3, Dutch 1-2-3.
Mbr: Indonesian AEA.

LENTZ, Gary W., Econ Branch, Univ of Guelph, Guelph, Ontario, Canada N1G2W1; PH 519-824-4120.
Sr. Econ, Ontario Mins of Agr & Food (40) 06, 07, 14.
b. 1944 Iowa; U.
BS 1966, PhD 1971 Univ of NE.
Fields: 080, 011.
Pub: Polyperiod Analyses of Investments on Farms in Nebraska, Univ of NE 1973; Real Estate Values in Southern Ontario, Toronto, Canada; 1975; Economies of Size in Agriculture, Toronto, Canada 1976.
Mbr: CAES.

LENZ, R. Britt, 141 W Jackson Blvd, RMA-1, Chicago IL 60134; Ph 312-353-5990.
Dir, Trading Div, Commodity FuturesTrading Comm (36) 06, 22.
b. 1944 Illinois; M-2.
BS 1967, MS 1969 So. IL Univ.
Fields: 014, 016, 062.
Prev Emp: Chf-Mkt Anal Br, Commodity Exchange Authority, Chicago 1974-75.
Pub: Futures Trading in Fresh Shell Eggs, Washington DC 1971.

LEONARD, Robert L., Dept of Agr Econ, Univ of Connecticut, Storrs CT 06268; PH 203-486-2741.
Assoc Prof, Univ of CT (03) 07, 09, 08.
b. 1937 North Carolina; M-2.
BS 1959 NC St Univ; MS 1961, PhD 1964 Univ of CA, Berkeley.
Fields: 020, 021.
Prev Emp: Econ (GS-15) U.S. Army, Wash. DC 1973-74.
Pub: Pricing of Industrial Wastewater Treatment Services, Univ of CT 1973; An Economic Evaluation of Connecticut Water Law, Univ of CT 1970; Integrated Management of Ground and Surface Water, Univ of CA 1965.
Mbr:AEA.
Hon: Phi Kappa Phi.

LERAY, Nelson L., 316 James Hall Iner, Univ of New Hampshire, Durham NH 03824; PH 603-862-1700.
Socialogist, EDD-ERS (16) 07.
b. 1927 Massachusetts; M-3.
BS 1952, MA 1953 LA St Univ; EdD 1965 Cornell Univ.
Fields: 031, 047, 155, 159.
Prev Emp: Agr Econ, EDD-ERS-USDA, Wash. DC & Ithaca NY, 1956-67; Agr Econ, FAS-USDA, Washington DC 1954-56.
Pub: Housing in the Northeast Region: 1960-70, Search 1974; Application of Social Theory to Problem Solving, Cornell AES 1973; Vermont Rural & Farm Family Rehabilitation, VT AES 1973.
Mbr: CDS; RSS; Gerontological Society.

LEROHL, Milburn L., Dept of Rural Econ, Univof Alberta, Edmonton, Alberta, Canada; PH 403-432-3632.
Prof. Univ of Alberta (03) 08, 07, 09.
b. 1937 Canada; Citz: Canada; M-3.
BS 1960 Univ of AL; MSA 1962 Univ of BC; PhD 1965 MI St Univ.
Fields: 017, 012.
Prev Emp: Proj Econ, Reg Devl Study, Bali, Indonesia 1974-75; Dir of Res, Agr Econ, Res Council, Ottawa 1969-71; Staff Econ, Agr Econ, Res Council, Ottawa, Canada 1965-69.
Mbr: Can Tax Found; CEA; CAES, Jour Ed 1969 & 70.
Hon: Am Men & Women of Sci; Who's Who in the West.

LESHER, William G., Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-2252.
Graduate Student, Cornell Univ (03) 07, 08, 09.
b. 1946 Indiana; M-2.
BS 1968 Purdue Univ; MS 1970 OR St Univ, PhD 1976 Cornell Univ.
Fields: 038, 017, 032, 033.
Prev Emp: Res Spec, Cornell Univ 1975; 1st Lt, U.S. Army 1970-72.
Pub: Land Use Legislation in the Northeast, Cornell Univ 1975; Economics of Size in Highway Maintenance and Administration: A Preliminary Analysis for the Counties of New York State, Agr Economics Council, 1974; U.S. Family Food Programs: An Interstate Comparison, OR St Univ 1971.
Mbr: AEA, NAEA.
Hon: Omicron Delta Kappa; Phi Kappa Phi.

LESSLEY, Billy V., Agr & Resource Econ, Univ of Maryland, College Park MD 20742; PH 301-454-3803.
Prof-Acting Dept Chrm, Agr Econ, Univ of MD (03) 07, 08, 02.
b. 1935 Arkansas; M-2.
AS 1953 AR Polytechnic College; BS 1955, MS 1960 Univ of AR; PhD 1965 Univ of MO; 1972 Univ of MD.
Fields: 012, 011, 013, 024.
Prev Emp: Asst-Assoc Prof, Uni College Park MD 1965-72.
Pub: Economics of Waste Handling on Dairy Farms in the Monocacy River Watershed, MD Exp Sta 1975; Number, Size and Location of Processing Plants for a Honey Processing-Marketing Cooperative, Univ of MD 1974; Maryland Sod Production Costs: The Key to Business Success, Weeds, Trees, Turf, Harvest Publishing Co 1973.
Lang: Sp 3-3-3.
Mbr: SAEA; NAEC; MD Ext Spec Assoc, V. Pres 1975-76, 76=77.
Hon: Am Men & Women of Sci; Who's Who in the East; Who's Who Among Authors & Journalists; Intl Scholars Dir, Phi Kappa Phi.

LESTER, William B., 1107 McCarty Hall, Univ of Florida, Gainesville FL 32611; PH 904-392-1874.
Econ Res Dir, FL Dept of Citrus (40) 09, 07, 06.
b. 1939 Florida; M-1.
BSA 1961, MSA 1962 Univ of FL; PhD 1965 TX A & M Univ.
Fields: 014, 016, 051.
Prev Emp: Res Econ, FL Dept of Citrus, Gainesville 1967-68; Agr Econ, TX A & M-USDA, College Station 1965-67; Res Asst, TX A & M 1962-65.
Mbr: SAEA; AMA.
Hon: Phi Kappa Phi; Gamma Sigma Delta; FL Blue Key.

LEUNG, Pingsun, Agr Eng, Rm 109, Univ of Hawaii, Honolulu HI 96822; PH 808-948-8847.
Grad Asst, Univ of HI (03) 23, 07, 14.
b.1952 Hong Kong BCC; Citz: Hong Kong; U.
BBA 1973, MS 1975 Univ of HI (084) 083, 080, 020.
Prev Emp: Grad Asst, Univ of HI, 1974-75
Lang: Chinese; Other: Eng 2-2-2.
Mbr: ASA; WAEA. Hon: Beta Gamma Sigma.

LEUTHOLD, Raymond M., 305 Mumford Hall, Dept of Agr Econ, Univ of Illinois Urbana IL 61801; PH 217-333-0644.
Assoc Prof, Univ of IL (03) 07, 08.
b. 1940 Montana; M-2.
BS 1962 MT St Univ; MS 1966, PhD 1968 Univ of WI.
Fields: 016, 014.
Pub: Forecasting Daily Hog Prices Quantities: A Stydy of Alternative Forecasting Techniques, JASA 1970; Random Walk & Price Trends: The Live Cattle Futures Market, Jour of Finance 1972; The Price Performance on the Commodity Futures Market of a Nonstorable Commodity: Life Beef Cattle, AJAE 1974.
Mbr: AEA.

LEVI, Donald Ray, 112 Agr, TX A & M Univ, College Station TX 77843; PH 713-845-4911.
Assoc Prof, TX A&M Univ (03) 07, 08.
b. 1941 Missouri; M-2.
BS 1964, JD 1966 Univ of MO; PhD 1974 WA St Univ.
Fields: 159, 013, 026.
Prev Emp: Lectr, WA St Univ, Pullman WA 1971-73; Asst Prof, Univ of MO, Columbia 1968-71; Instr, Univ of MO, Columbia 1966-68.
Pub: Missouri Agricultural Law, Lucas Bros, Columbia MO 1970; Agricultural Law, Lucas Bros, Columbia MO 1971; Washington Agricultural Law, Lucas Bros, Columbia MO 1973.
Mbr: WAEA; SAEA; TX & MO Bar Assoc.
Hon: Gamma Sigma Delta, Jr. Faculty Award of Merit Univ of MO; Faculty, Alumni Medal Award of Merit, Univ of MO.

LEVINS, Richard A., 3036 University Ave, SE, Minneapolis MN; PH 612-376-7554.
Res Assoc, MPIRG (71) 07, 18.
b. 1949 Florida; D.
BA 1972, MSA 1973 Univ of FL.
Fields: 050, 020.
Prev Emp: Res Assoc, IA St Univ, Ames 1975; Asst Prof, Univ of FL, Gainesville 1974.
Pub: The Competitive Positions of Major U.S. Potato Producing Regions, SJAE 1974 .
Mbr: SAEA.
Hon: Best MS Thesis 1973.

LEWIS, Ardron B., 22 Smith Farm Road, Weston CT 06880; PH 203-227-9462.
Self-employed (75) 07, 09, 27.
b. 1906 Maine; M-4.
BS 1928 Univ of ME; PhD 1933 Cornell Univ; ScD 1970 Univ of ME (Honorary).
Fields: 131, 020, 012.
Prev Emp: Agr Devl Council, NY City, 1956-68; Dir of TCP, Inter-Am Inst of Agr Sci, Costa Rica 1952-53; Sr Agr Econ, Farm Credit Adm, Washington DC 1936-42.
Pub: Methods Used in an Economic Study of Land Utilization, Cornell Univ 1934; Relation of Income to Capital on Farms, Farm Credit Adm., Washington DC 1941; The Rice-Fertilizer Barter Price, Chung-Hsing Univ, Taiwan 1967.
Lang: Sp 1-0-3, Fr 2-0-3.
Mbr: IAAE; NAEC.
Hon: Japanese Fellows of ADC Published Book in honor of 60th Birthday; Seoul Natl Univ Korea, Letter of Appreciation 1966.

LEWIS, Jack N., 6 Carlton Gardens, London England SW1Y5AE; PH 01-930-7300.
Dir of Long Range Plng, Intl Wool Secretariat (54) 15.
b. 1921 Australia; Citz: Australia; M-3.
BE 1942 Univ of Sydney; MPA 1953 Harvard; DE (Hon) 1970 Univ of New England.
Fields: 017, 014, 111, 073.
Prev Emp: Prof of Agr Econ, Univ of New England, Armidale, NSW, 1957-70; Asst Sec, Dept of Trade, Canberra ACT 1956-57; Asst Dir, Bureau of Agr Econ, Canberra 1955-56.
Pub: The Pesticide Problem, Baltimore MD 1967; Farm Management and Agricultural Economics, Sydney, Australia 1970.
Lang: Fr 2-3-3.
Mbr: AEA; Soc for Long Range Plng; Aust. AES, Pres 1960.
Hon: Intl Who's Who; Who's Who in Australia.

LEWIS, James A., Room 408, 500 12th St SW Washington DC 20250; PH 202-447-8307.
Agr Econ, NRED-ERS-USDA (16) 07.
b. 1946 Illinois; M-1.
BS 1970, MA 1971 Central MO St Univ; PhD 1974 VPI & St Univ.
Fields: 020, 030, 040, 070.
Pub: Public Education & Property Taxation, Dissertation; Small Farmers & Nonwhites in the South, AE Report ERS-USDA 1976.
Mbr: AEA; SAEA.
Hon: Phi Kappa Phi; Gamma Sigma Delta.

LI, Tien E., Box 61, DE St College, Dover DE 19901; PH 302-678-4975.
Prof of Econ, DE St College (03) 08, 07.
b. 1926 USA; M-2.
PhD 1962 TX A& M Univ.
Fields: 060, 080.
Mbr: ASA; ES; AEA.

LIAKATAS, Luke J., Agr Bank of Greece, 35 King George B Street, Athens, Greece.
Agriculturist, Agr Bank of Greece (76)
b. 1909; Citz: Greece; M-2.
Diploma, Coll of Agr, Greece.
Fields: 012, 013.
Pub: Introduction to the Theory of Production, Book 1958; Influence of Joining Greece to the Common Market, Bull. 1961; Agricultural Production and Price Policy of Various Countries, Helsinki 1955.
Lang: Greek; Other: Eng 1-1-1, Fr 1-1-1.
Mbr: GEA; GAA.
Hon: Intl Cooperation Adm Cert of Achievement.

LIANOS, Theodore P., 76 Patission Street, Athens 104 Greece.
Professor, Athens School of Econ (03) 08, 07.
b. 1939; Citz: Greece; M-2.
BS 1962 Athens School of Econ; MA 1967, PhD 1969 NC St Univ.
Fields: 121, 047, 063.
Prev Emp: Asst Prof, Univ of CA, Davis 1969-73; Researcher Center for Planning, Athens 1972-74.
Pub: Relative Share of Labor in U.S. Agriculture, AJAE 1971; Capital-Labor Substitution in Greece, European Econ Review 1975; Migration Process and Time Lags, Jour of Reg Sci 1972.
Lang: Greek; Other: Eng 1-1-1, Fr 2-0-0.
Mbr: AEA; SEA.

LIAO, David S.H., Marine Resources Res. Inst, PO Box 12559, Charleston SC 29412; PH 803-795-6350.
Marine Economist, Marine Resources Res Inst (40) 07.
b. 1939 Taiwan; Citz: USA; M-2.
BS 1963 National Taiwan Univ; MS 1968 Univ of Philippines; PhD 1973 OR St Univ.
Fields: 024, 081, 015.
Prev Emp: Marine Econ, Marine Resources Res Inst, Charleston 1975; Res Assoc, OR St Univ, Corvallis 1973.
Pub: Profitability and Productivity Anal for the Southeastern Alaska Salmon Fishery, Marine Fisheries Review 1975; Oregon's Commercial Fishermen: Characteristics, Profits and Income in 1972, OR St Univ 1975.
Lang: Chines; Other: Eng 1-1-2.

LIAPIS, Peter, Dept of Agr & Res Econ, Univ of Maryland, College Park MD 20742; PH 301-454-3810.
Graduate Student, Univ of MD (03) 23.
b. 1951 Greece; Citz: USA; U.
BA 1973, MS 1975 Univ of MD.
Fields: 073, 081.
Lang: Greek; Other: Sp 3-3-3.
Mbr: AER.
Hon: ODE.

LIBBIN, James D., 260 East Hall, Dept of Economics, IA St Univ, Ames IA 50011; PH 515-294-7395.
Res Assoc, IA St Univ (03) 07, 23.
b. 1950; M.
BS 1972, MS 1975 Univ of IL.
Fields: 011, 012, 082, 027.
Prev Emp: Res Asst, Univ of IL, Urbana 1974-75; Graduate Res Asst, Univ of IL, Urbana IL 1972-73.
Pub: A User's Guide to IBM MPSX LP Package, Univ of IL 1973; An Economic Appraisal of Selected Supply Shifterson Cattle Raising in the Midwest, MS Thesis, Univ of IL 1975.
Hon: Gamma Sigma Delta.

LIBBY, Lawrence W., 35 Agr Hall, MI St Univ, E. Lansing MI 48824; PH 517-353-9751.
Assoc Prof, MI St Univ (03) 07, 08, 09.
b. 1940; M-2.
BS 1962 Univ of Maine; MS 1968, PhD 1970 Cornell Univ.
Fields: 020, 030, 038, 032.
Prev Emp: Vstg Scholar, Res for the Future, Washington DC 1974.
Pub: Land Use Policy: Implications for Agr, AJAE 1974; Economics, Politics and Open Space, Env Effects of Rural Devl, TVA 1974; Role of Easements in Open Space Planning, Cornell Agr Research 1968.
Mbr: AEA.

LIEFER, James A., Federal Office Bldg #4, Suitland MD 20233; PH 301-763-5888.
Sr Stat, Agr Div, U.S. Bureau of the Census (11) 06, 22, 14.
b. 1937 Canada; Citz: USA; U.
BA 1962 Univ of Texas, El Paso; BS 1970 NM St Univ.
Fields: 102, 047, 155, 157.
Prev Emp: Grad Asst, NM St Univ 1969-70; Accountant, ASARCO, El Paso TX 1963-68.
Pub: Attitudes Toward Land Ownership and Usage in North Central New Mexico, NM St Univ 1970.
Lang: Sp 3-3-3.
Hon: Outstanding MS Thesis AAEA 1971.

LIEGEL, Carl R., 329 Porter Hall, Univ of Wisconsin, Platteville WI 53818; PH 608-342-2583.
Student (03) 24.
b. 1956 Wisconsin; U.
Fields: 013, 014, 018, 081.
Prev Emp: College Intern, Green Giant Co. Beaver Dam WI, Summer 1975; Talent Search Recruiting, Univ of WI, Platteville, 1976.
Mbr: ABAEC.
Hon: Phi Eta Sigma.

LIFFERTH, Dennis R., 254 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-5464.
Asst Professor, Cornell Univ (03) 07, 08, 09.
b. 1943; M-3.
BS 1968 Brigham Young Univ; MS 1970, PhD 1974 IA St Univ.
Fields: 019, 014, 065, 093.
Prev Emp: Res Asst, IA St Univ 1970-72; Instr, IA St Univ 1968-70; Instr, Brigham Young Univ, Provo UT 1967-68.
Pub: An Economic Analysis of Alternative Rail-Based Grain Distribution Systems, IA St Univ 1974; An Analysis of Alternative Grain Distribution System, AJAE 1975.
Lang: Sp 3-3-3, Afrikaans 3-3-3.
Mbr: AEA; NAEC.
Hon: Outstanding Doctoral Dissertation, 1975, AAEA,

LILLY, James P., 2001 Spring Road, Oak Brook IL 60521; PH 312-323-3800.
Managing Editor, Prairie Farmer Pub Co (51) 27, 15.
b. 1926; M-3.
BS 1953 Purdue Univ.
Fields: 018, 016, 012.
Prev Emp: Information Asst, Purdue Univ, Lafayette IN 1953-54.
Mbr: Am Agr Editors Assn, Sec. Treas.

LILWALL, Nicholas B., Edinburgh School of Agr, Edinburgh, Scotland: PH 031-667-1041.
Sr Economist, Edinburgh School of Agr (03) 08, 07, 09.
b. 1937; Citz: UK; M-2.
BS 1964 Leeds Univ; MA 1970, PhD 1971 Univ of MN.
Fields: 014.
Prev Emp: Res Asst, Univ of MN 1966-71; Lecturer, Leeds Univ, England 1964-65.
Pub: The Common Agricultural Policy of the EEC, Scottish Agr & the EEC-SADC 1972; Scale and Diversification Economies in Fruit & Vegetable Freezing, ESCA Bull. 1974; Prices for Planning, ESCA Pub 1976.
Lang: Fr 3-3-3.
Mbr: AES.

LIN, Kuang-hsing T., Box U-21 Dept of Agr Econ, Univ of Connecticut, Storrs CT 06268.
b. 1944; Citz: Taiwan; U.
BA 1967 Tunghai Univ, Taiwan; MS 1974 Univ of CT.
Fields: 016, 081, 011, 014.
Prev Emp: Grad Asst, Univ of CT 1971-75; Asst, Jt Comm on Rural Reconstr, Taipei 1968-70.

Lang: Taiwanese; Other: Eng 1-1-2, Chi 1-1-1.
Mbr: AEA; CAES; NAEC.
Hon: Gamma Sigma Delta; UC Res Found. Dissertation Fellowship.

LIN, William W. R., Energy Div, PO Box "X" Oak Ridge Natl Lab, Oak Ridge TN 37830; PH 615-483-8611.
Economist, Oak Ridge Natl Lab (51) 07, 15.
b. 1942; Citz: Taiwan; M-3.
BS 1964 Chung-Hsing Univ; MS 1970, PhD 1973 Univ of CA, Davis.
Fields: 011, 020, 012, 137.
Prev Emp: Econ, Oak Ridge Natl Lab 1974- --; Econ, State of Washington, Olympia, 1972-74; Asst Professor, Univ of WI, River Falls WI 1971-72.
Pub: An Empirical Test of Utility vs Profit Maximization in Agr Production, AJAE 1974; Producer Response to Income Taxes: An Impirical Test Within a Risk Framework, Natl Tax Jour 1974; Land Reclamation and Strip Mined Coal Production in Appalachia, Jour of Env Econ Mgmt 1976.
Lang: Chinese; Other: Eng 1-1-1.
Mbr: AEA; WEA.
Hon: Jastro Fellow, Univ of CA, Davis; Dist. Scholar, Univ of CA, Davis.

LIN, Wuu-Long, Policy Analysis Div, FAO-UN, Rome, Italy; PH 5797, Ext 3406.
Econometrician, UN-FAO (63) 18, 22, 15.
b. 1939 Taiwan; Citz: USA; M-2.
BS 1965, Natl Taiwan Univ; MS 1968 KS St Univ; PhD 1972 Stanford Univ.
Fields: 081, 073, 077, 083.
Prev Emp: Res Assoc, Stanford Univ, Stanford CA 1972; Consultant, FMC Intl CA 1973; Res Assoc, KS St Univ 1968.
Pub: A Systems Simulation Approach to Integrated Population and Economic Planning, FAO 1975; Economic Interaction in Taiwan, Stanford Univ 1973.
Lang: Chinese; Other: Eng 1-1-1, Tai 1-1-1.
Mbr: AEA; ES.
Hon: Phi Kappa Phi.

LIN, Ying-Nan, Dept of Textiles & Consumer Economics, Univ of MD, College Park MD 20742; Ph 301-454-2141.
Asst Prof, Univ of MD (03) 07.
b. 1934; Citz: Taiwan; M-2.
BS 1958 Natl Chung-Hsing Univ; PhD 1974 Univ of TN.
Fields: 051, 081, 075, 011.
Prev Emp: Post Doctoral Fellow Univ of TN, Knoxville 1974-75; Instr, Taichung Comm. College, Taiwan 1963-67; Res Assoc Chung-Hsing Univ, Taichung 1962-63.
Pub: Rural Development Analysis: Direction Identification, Measurement & Interpretation for Public Policy Purposes Dissertation, August 1974; Special Population Report-County Population in Decade of 1960, Univ of TN Agr Exp Sta 1972; Economics of Soil Conservation, Taiwan 1968.
Lang: Chinese; Other: Jap 1-1-1.
Mbr: SMAEA; Rural Sociological Society; ES.

LINDEBORG, Karl H., Dept of Agr Econ, Univ of ID, Moscow ID 83843; PH 208-885-6262.
Professor, Agr Econ, Univ of ID (03) 07, 08.
b. 1920 Denmark; Citz: USA; M-1.
BS 1947 Royal Agr College, Copenhagen; MS 1957 UT St Univ; PhD 1959 OR St Univ.
Fields: 011, 012, 021, 084.
Prev Emp: Guest Lecturer Univ of IL 1963; Asst Mgr State Serum Inst, Copenhagen, Denmark 1949-54; Rector, Agr School, Horsens, Denmark 1961-62.
Pub: Economic Analysis of Irrigated Agricultural Devl, Mountain Home Div, SW ID Water Devl Proj, Univ of ID 1975; Effects of Irrigation Water Mgmt Practices in Water Quality in Boise Valley, U. of ID 1975; Socio-Economic Analysis of Major Rehabilitation of Irrigation and Water Mgmt Systems in Eastern Idaho, U. of ID 1975.
Lang: Danish; Other: Swe 1-3-3, Ger 2-3-3.
Mbr: DES.
Hon: PKP; Am Men & Women of Science.

LINDMARK, Ronald D., 525 Fifth Street, Ogden UT 84401; PH 801-399-6286.
Asst Director, Intl Forest & Range Exp Station, USDA (23) 06, 07.
b. 1933; M-2.
BS 1961, MS 1963 Univ of MN; PhD 1970 OH St Univ.
Fields: 023.
Prev Emp: Proj Ldr, FS-USDA, IL 1969-74; Adj Assoc Prof SIU, IL, 1971-74; Proj Ldr Scientist FS-USDA, MN 1966-69.
Mbr: SAF; FPRS.

LINDNER, Robert K., Economics Dept, Univ of Adelaide, Adelaide South Australia; PH 223-4555.
Sr. Lectr, Univ of Adelaide (03) 08, 07, 02.
b. 1942; Citz: Australia; M-2.
BS 1964, MS 1968 Univ of Adelaide.
Fields: 105, 010, 062, 041.
Prev Emp: Econ, Dept of Agr Stock & Fisheries, Papua, NG 1974; Teaching Asst, U. of MN 1970; Sr Res Officer, Bur Agr Econ, Canberra 1968.
Pub: The Econ of Increased Beef Prod on Dairy Farms, Qtly Rev Agr Econ 1969; Investment in Abattoir Slaughtering Facilities, Univ Adelaide Econ Dept Paper #4, 1974; Discrimination in Student Loans, Econ Anal & Pol 1975.
Mbr: AAES, Ed Comm 1974-75; AEA, IAAE.
Hon: AER - Vol LXIV (3).

LINDSAY, Bruce E., Dept of Food & Res Econ, Univ of Massachusetts, Amherst MA 01002; PH 413-545-2496.
Res Asst, Univ of MA (03) 23, 07, 08.
b. 1949; U.
BA 1971 Kings College, PA; MS 1973, PhD 1976 Univ of MA.
Fields: 081, 026, 084, 066.
Prev Emp: Res Asst 1975; Teaching Assoc 1974-75; Res Asst Univ of MA, Amherst 1971-74.
Pub: Land Value Research & Multicollinearity, CJAE 1975; Factors Influencing Land Values on the Rural-Urban Interface, NAECJ 1973; An Economic Investigation of Alternative Sewage Sludge Disposal Systems: A Multiobjective Programming Approach, Univ of MA 1976.
Mbr: AEA; SAEA; NEAEC.
Hon: Presidential Scholarship Award, King's College 1967-71.

LINDSEY, Quentin W., Res Triangle Inst, PO Box 12194, Research Triangle Park NC 27709; PH 919-549-8311.
Dir, Center for Population & Urban Studies, Research Triangle Inst (70) 07, 18, 19.
b. 1921; M-3.
BS 1948, MA 1951 Univ of NE; PhD 1960 Harvard Univ.
Fields: 060, 069, 068.
Prev Emp: Vstg Prof, Univ of NC, Chapel Hill 1968-69; Econ Adv, Ford Foundation Nepal 1961-68; Assoc Prof, NC St Univ Raleigh 1954-61.
Pub: Pop Devl & the Metamorphic Transformation of Pakistan, Dacca 1970.
Lang: Fr 3-0-0.
Mbr: AEA; Am Acad Pol & Soc; AAAS.

LINER, Hugh L., 3134 OH Hill Library, NC St Univ, Raleigh NC 27606; PH 919-737-2885.
Ext Professor, NC St Univ (03) 09, 08.
b. 1931; M-2.
BS 1956, ME 1957, PhD 1966 NC St Univ.
Fields: 11, 12, 13.
Prev Emp: Asst Co Agt, Ext Stanley Co, NC 1958-60.

LING, Kwang-Siung C., 205 East 42nd Street, New York NY 10017; PH 212-557-0360.
Agt Econ, Market Adm USDA, Dairy Div (21) 07, 18, 19.
b. 1945; Citz: Taiwan; M.
BS 1967 Natl Taiwan Univ; MS 1970, PhD 1973 Univ of CT (020) 080, 060.
Pub: Optimal Mix of Fiscal & Monetary Policy for Stabilization and Growth: An Optimal Control Theory Approach, Univ of CT, PhD Dissertation 1973.
Lang: Taiwanese; Other: Chinese 1-1-1, Jap 3-3-3, Eng 1-1-1.
Mbr: AEA, ES.
Hon: Gamma Sigma Delta.

LINK, John E., 500 12th Street SW, Wash. DC 20250; PH 202-447-8134.
Agr Econ, FDCD-ERS-USDA (16) 07, 14, 15.
b. 1940; M-5.
BS 1963 IA St Univ; MS 1970 MT St Univ.
Fields: 112, 073, 013, 012.
Prev Emp: Asst Mgr, Fed Land Bank Assoc, Mason City IA 1966-69.
Lang: Sp 1-2-2.

LINS, David A., 305 Mumford Hall, Dept of Agr Econ, Univ of Illinois, Urbana IL 61801; PH 217-333-0368.
Agr Econ, ERS (16) 07, 08.
b. 1944; M-2.
BS 1966, MS 1968 Univ of WI; PhD 1972 Univ of IL.
Fields: 013, 081, 018.
Prev Emp: Asst Prof Univ of IL, Urbana.
Pub: Flow-of-Funds Social Accounts for the Farm Sector, AJAE 1971; Minimum Wage Legislation and Farm Financial Structure, Agr Econ Res 1974; Agricultural Finance Outlook, AFO-16 1975.
Hon: Gamma Sigma Delta.

LITTLE, H. C., Agr Mgmt Dept, San Luis Obispo CA 93407; PH 805-546-2258.
Intermediate Instr, CA Polytechnic St Univ (03) 08.
b. 1929; M-3.
BS 1950, MS 1957, PhD 1965 Univ of MO.
Fields: 062, 013, 021.
Prev Emp: Asst Prof, Univ of NE, Reno 1962-66; Water Res Econ U of NE, 1966-73

LITWILLER, William F., Room 3534, South Bldg, ERS-FDD-IT, Washington DC 20250; PH 202-447-5346.
Prog Ldr, USDA (16) 03, 22, 08.
b. 1929; M-3.
BS 1952 IA St Univ; MS 1970 Univ of MD.
Fields: 118, 112, 072, 017.
Prev Emp: Ext Adv, AID, Kenya 1962-66; Ext Adv AID Laos 1959-61.
Pub: Capital Project Analysis, USDA, 1973; Causes of Inflation, Univ of MD 1971.
Mbr: SID.

LIU, Charles Y., Communist Asia Program Area, For Demand & Compt Div, ERS-USDA, Washington DC 20250; PH 202-447-8645.
Program Leader, USDA (16) 06, 27, 07.
b. 1932 China; Citz: USA; D.
BA 1954 Natl Taiwan Univ; MS 1957 MT St Univ; PhD 1965 IA St Univ.
Fields: 110, 016, 014, 018.
Prev Emp: Program Leader, FDCD, ERS, USDA Washington DC 1974; Agr Econ, NEAD, ERS USDA 1968; Asst Prof NC St Univ, Raleigh NC 1965.
Lang: Chinese.
Mbr: AEA.
Hon: Am Men & Women of Science; Who's Who in the South.

LIU, Chun-Lan L., 2505 Arden Drive, Champaign IL 61820.
(40) 07, 14.
b. 1943; Citz: Taiwan; M-1.
BS 1965 Natl Taiwan Univ; MS 1970 So. IL Univ; PhD 1975 Univ of IL.
Fields: 016, 081, 018, 082.
Pub: Projections of International Trade in Farm Products, Illinois Wheat, IL Agr Econ, July 1975.
Lang: Chinese; Other: Eng 1-1-1.

LIU, Fu-Shan F., 37 Nanhai Road, Taipei, Taiwan; PH 217-333-2657.
Asst Spec, JCRR (21) 06, 07, 11
b. 1942 Taiwan; Citz: Taiwan; M-2.
BS 1966, MS 1967 Natl Taiwan Univ.
Fields: 091, 014, 019, 095.
Prev Emp: Researcher, Mins of Econ Affairs, Taipei; Research Fellow IRRI, Manila, Philippines; Asst Spec, JCRR, Taipei, Taiwan.
Pub: Cooperative Hog Marketing in Taiwan, JCRR, Taipei, Taiwan, 1972; Vegetable Marketing in Taiwan, JCRR,Taipei 1973.
Lang: Chinese; Other: Eng 1-1-1, Fr 2-2-2.
Mbr: REA; AMA; AEA.
Hon: Asst Mgr of Agr Mktg Assoc, Taipei, Taiwan; ROC.

LIU, Maggie M.K., 423 Main Street, Winnipeg, Manitoba, Canada R3C 2P5; PH 204-985-3568.
Market Analyst, The Canadian Wheat Board (78) 14.
b. 1949; Citz: Hong Kong; U.
BA 1972, MS 1974 Univ of MN.
Fields: 014.
Prev Emp: Res Asst, Univ of MN, St Paul, 1972-74.
Pub: How Minnesota Farmers Market Their Grain, Univ of MN Agr 1974.
Lang: Chinese; Other: Eng 1-1-1.
Mbr: CAES; Manitoba Inst of Agrologist.

LIU, Su F., OAS 1735 Eye Street NW, Washington DC 20006; PH 202-381-8838.
Sr. Economist, Org of American States (67) 22.
b. 1934 Taiwan; Citz: USA; M-3.
MS 1960 Res Inst of Agr Econ, Taiwan; PhD 1966 Univ of IL.
Fields: 010, 081, 073, 112.
Pub: Disguised Unemployment in Taiwan Agriculture 1966.
Lang: Chinese; Other: Jap 1-1-1, Sp 1-3-2.
Mbr: AEA.

LIVERPOOL, Leslie F., Brazilian Embassy, Port of Spain, Trinidad.
Mktg Officer, Brazilian Embassy (67) 05, 07.
b. 1945 Trinidad; Citz: Trinidad; M-1.
BS 1968 Univ of W. Indies; MA 1972 Univ of FL.
Fields: 014.
Prev Emp: Res Fellow, Dept of Agr Econ, UWI, St Augustine, 1974-75; Commodity Supr, Central Mktg Agency, Port of Spain, Trinidad 1970-74.
Pub: Demand Interrelationships Among Orange Beverages, FL Dept of Citrus, 1972; Survey of Commonwealth Caribbean Livestock Feed Industry, Trinidad 1975.
Lang: Fr 2-2-2.
Mbr: Trinidad & Tobago Mkt Assoc.
Hon: Caribbean Personalities, 1975.

LOCKEN, Gordon S., 112 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-5453.
Graduate Student, Cornell Univ (03) 23.
b. 1951; M.
BA 1974 IA St Univ.
Fields: 038, 081.
Prev Emp: Lecturer, Cornell Univ, Ithaca NY 1975.

LOCKHART, W. J., Agr Canada, Edmonton, Alberta, Canada; PH 403-425-4138.
Sr Econ, Agr Canada, (18) 06.
b. 1938 Canada; Citz: Canada; M-3.
BS 1963, MS 1967 Univ of Alberta.
Fields: 014, 046, 121.
Prev Emp: Chief, Regional Econ Ser (Alta) Canada Dept of Manpower & Immigration, Winnipeg & Edmonton.

LOCKWOOD, Robert C., Box 1024, Ignatius College, Guelph, Ontario Canada N1G2R4; PH 519-821-8000.
Mgr Mkt Devl, Canada Agr (Canfarm) (26) 12.
b. 1942 Canada; Citz: Canada; M-3.
BS 1964, MS 1969 Univ of Saskatchewan.
Fields: 12, 11.
Prev Emp: Asst Prof, Univ of Saskatchewan, 1965-69.
Mbr: CAES; AIC.

LODWICK, Seeley G., 425 - 13th Street NW, Washington DC 20004; PH 202-638-6315.
Director, Govt Relations, Am Farm Bureau Federation (70) 01, 04.
b. 1920; M-3.
BS 1942 IA St Univ.
Fields: 011, 019, 110,118.
Prev Emp: Secretary, CCC, USDA, Washington DC 1969-73.

LOEHMAN, Edna T., McCarty Hall, FRED, Univ of Florida, Gainesville FL 32605; PH 904-392-2394.
Assoc Professor, Univ of FL (03) 07, 08.
b. 1943 Italy; Citz: USA; M-1.
BA 1965 Rice Univ; MS 1967, MS 1969, PhD 1970 Purdue Univ.
Fields: 026, 064, 066, 077.
Prev Emp: Asst Prof, Univ of FL 1970-75; Res Asst, Purdue Univ, W. Lafayette IN 1967-70; Grad Asst, Purdue Univ 1965-67.

Pub: A New Theory of Principles, Bell Journal 1970; An Optimal Growth Model, Econometrica 1972; Economics and Decision Making for Environmental Quality (BOOK) UF Press 1974.
Lang: Ger 3-3-3, Sp 3-3-3.
Mbr: AEA; Sigma Xi; TIMS.
Hon: Who's Who in Am Women; Am Men & Women of Science.

LOFTING, Everard M., Dry Lands Res Inst, Univ of CA, Riverside CA 92502; PH 415-525-9370.
Economist, Univ of CA, Riverside (03) 07, 15, 14.
b. 1922 Canada; Citz: USA; D.
BS 1951 Sir George Williams Univ; MA 1960 Wayne St Univ; PhD 1968 Univ of CA, Berkeley.
Fields: 020, 085, 035, 075.
Prev Emp: Economist Univ of CA, Berkeley 1971-75; Regional Economist, U.S. Army Corps of Engineers, So Pacific Div, San Francisco CA 1969-71.
Pub: A Review and Analysis of the Development Programs of the World Bank and Its Technical Survey Missions, Wayne St Univ, Detroit MI 1960; An Input-Output and Linear Programming Analysis of California Water Requirements, Univ of CA, Berkeley 1968; Inter-Industry Econ Models and Regional Water Resources Analysis, The Econ of Eng & Social Systems, Wiley NY 1972.
Lang: Fr 2-3-2, Rus 2-3-3.
Mbr: ASCE; AEA; AWRA.
Hon: Am Men & Women of Science; Chi Epsilon.

LOGAN, Robert F., Dept of Economics, UT St Univ, Logan UT 84322; PH 801-752-4100.
Asst Professor, UT St Univ (03) 07, 08.
b. 1948; U.
PhD 1973 TX A&M Univ.
Fields: 081, 039.
Mbr: AEA; ES; ASA.

LOGAN, Samuel H., Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-1527.
Prof & Assoc Dean, Univ of CA, Davis (03) 02, 08, 07.
b. 1934; M-2.
BS 1956, MS 1959 KS St Univ; PhD 1962 Univ of CA, Berkeley.
Fields: 092, 014, 015, 016.
Prev Emp: Assoc Prof, Univ of CA, Davis 1967-71; Economist, Wilson & Company, Inc., Chicago 1966-67; Asst Prof, Univ of CA, Davis 1962-66.
Pub: The Food Stamp Program: Del Norte & Humboldt Cties, Uof CA 1973; Cattle Feedlot Marketing Decisions Under Uncertainty, Univ of CA 1972; Monthly Retail Demand for Bread, Jour Econ Res 1971.
Mbr: WAEA, Editor 1971-73.
Hon: WAEA Award for Outstanding Res 1965.

LOMBARDO, Heraclio A.,Apartado 711, Santo Domingo, Rep Dominican, Central America; PH 533-2797.
Act Reg Dir, Antillean Zone, Inter-Am Inst of Agr Sci of the OAS (67) 22, 03, 27.
b. 1922 Panama; Citz: Panama; M-1.
Lic 1949, U of Panama; MS 1954 U of AR; PhD 1964 OK St Univ.
Fields: 076, 017, 046.
Prev Emp: Agr Econ, Mins Agr, Pan. '52-58.
Pub: Research on Agricultural Development in Central America, Agr Devl Council 1969; Analisi de una Economia Agricola de la Meseta Central de Costa Rica, CR 1965.
Lang: Eng 1-1-1, Por 2-3-3.
Mbr: AEA; Soc Intam de Planificacion.
Hon: Am Men & Women of Science; Am Econ Assoc Directory.

LONDHE, Suresh R., Box 2024, SC St College Orangeburg SC 29117; PH 803-536-7135.
Assoc Prof of Econ, SC St College (03) 08, 07.
b. 1940 India; Citz: India; M-2.
BS 1960 Poona Univ, India; MS 1962, PhD 1965 LA St Univ.
Fields: 012, 070.
Prev Emp: Assoc Prof, TN St Univ, Nashville 1966-69; Assoc Prof, Alcorn A&M College, Lorman MS 1965-66; Instr, Univ of AR, Fayetteville 1965.
Pub: Farm Planning Guides, LA St Univ 1965 Feasibility of Feeder Pigs Enterprise SC St College 1971; Migrant Farmworkers in South Carolina, NC St College 1974.
Lang: Marathi.
Mbr: IAEA;AEA.

LONG, Burl F., 311-A Smyth, Dept of Agr Econ, VPI & St Univ, Blacksburg VA 24061.
Assoc Professor, VPI & St Univ (03) 07, 08.
b. 1937; M-2.
BS 1960 Univ of TN; MS 1963 OK St Univ; PhD 1969 PA St Univ.
Fields: 020, 030, 017, 066.
Prev Emp: Agr Econ USDA-ERS, Oklahoma 1963-64; Agr Econ, USDA-ERS-NRED, Pennsylvania 1964-70.
Pub: Water and Community (ed) Ann Arbor Sci Publishers 1974; Land Use Legislation in Southern U.S., VPI & St Univ Res Div 1975; Impact of a Construction Worker Community on a Rural County, NE Rural Dev Center, Cornell Univ 1975.
Lang: Sp 3-0-0, Fr 3-0-0.
Mbr: AEA; SAEA; SRSA.
Hon: Am Men & Women of Science.

LONG, David R., PO Box 2400, 1701 Towanda Avenue, Bloomington IL 61701; PH 309-828-0021.
Business Analyst, IL Grain Corporation (52) 18, 15, 07.
b. 1943; M-3.

BS 1965 Cornell Univ; MS 1970, PhD 1972 OH St Univ.
Fields: 014, 017, 016, 112.
Prev Emp: Econ, USDA, Washington DC 1972-75; Res Asst, OH St Univ, Columbus 1968-72; Farmer, Frank Long & Sons, New York 1965-68.
Hon: Phi Kappa Phi.

LONG, Roger B., Dept of Agr Econ, Univ of Idaho, Moscow ID 83843; PH 208-885-6262.
Professor, Univ of ID (03) 07, 08.
b. 1934; M-4.
BS 1955, MF 1959, PhD 1963 Univ of MN.
Fields: 020, 080, 070.
Prev Emp: Vstg Prof, Univ of Alberta, Edmonton, Canada 1970-72; Agr Econ, USDA, Moscow ID 1966-67; Asst Prof, NM St Univ, Las Cruces NM 1963-66.
Pub: Economics of Supplemental Irrigation, MN Agr Exp Sta 1965; Efficiency of Lumber Transportation, NM Agr Exp Sta 1966; Economic Aspects - Boise Project, ID Water Res Inst 1975.
Lang: Fr 2-0-0.
Hon: Am Men & Women of Sci. Mbr: AEA.

LONGMUIR, Nelson L., Mktg & Trade Div, Econ Branch, Ottawa, Ontario, Canada K1A0C5; PH 613-994-5571.
Commodity Econ, Agr Canada (78) 15, 07.
b. 1945 Canada; Citz: Canada; U.
BS 1970, MS 1972 Manitoba Univ.
Fields: 018, 016, 014.
Pub: An Approach to the Market Regulation of Broiler Chicken Meat, CFE, April 1973; An Analysis of Domestic Use and Sales Trends for Canadian Tobacco, CFE, August 1974; Buckwheat: A Canadian Special Crop, CFE, June 1973.
Mbr: CAEA, Sec-Treas 1973-74; Ontario Inst of Agrologists.

LONGWORTH, John W., Dept of Agr, Univ of Queensland, Brisbane, Australia 4067.
Reader in Agr Econ, Univ of Queensland (03) 08, 07, 09.
b. 1940; Citz: Australia; M-3.
BA 1965, PhD 1970 Univ of Sydney.
Fields: 017, 014, 012, 112.
Prev Emp: Sr Lecturer, Univ of Sydney, 1970-71; Post Doctoral Fellow, Univ of Chicago 1969-70; Lecturer, Univ of Sydney, Australia 1965-70.
Pub: Aust. Wheat Industry Stab Scheme: Analytical Model, Economics Record 1966; The C.T.F.M.G: Manual for Participants, Dept of Agr, Univ of Queensland, Australia 1973; Plant Pesticide Economics, Australian Jour of Agr Econ 1975.
Mbr: AAES-Natl VP 1975; IAAE; ESA&NZ.
Hon: Univ of Sydney, Gold Medal for Agr Sci 1965.

LOOMIS, Ralph A., Agr Econ Dept, WA St Univ, Pullman WA 99163; PH 509-335-2511.
Prof Agr Econ, WA St Univ (03) 07, 09, 01.
b. 1922; M-6.
BA 1947 Univ of WA; MA 1950 WA St Univ; PhD 1964 MI St Univ.
Fields: 031, 017, 073, 155.
Prev Emp: Agr Econ, ERS-USDA Pullman WA 1966-75; Agr Econ, ERS-USDA, Michigan 1959-66; Agr Econ, FAD-UN Costa Rica 1951-53.
Pub: A Conceptual Framework for Viewing Policy Implications of Migration Research, Land Economics 1975; Why Overseas Technical Assistance is Ineffective, AJAE 1968; Productivity of Agriculture U.S. 1870-1958, Tech Bull. USDA 1965.
Mbr: WAEA; IAWA.
Hon: Who's Who in Am; Am Men & Women of Science; Phi Kappa Phi; AAEA Honorable Mention for Published Research.

LOOMIS, Sanford K., 715 Grain Exchange Bldg, Minneapolis MN 55415; PH 612-339-8079.
Floor Broker, Conticommodity Services (51) 11, 15.
b. 1928; M-4.
BA 1951 Hamline Univ & Univ of MN.
Fields: 14, 16.
Prev Emp: Pres & Mgr, Commonwealth Trading Corp, MPLS 1969-72; Director, Commodity Analysis, The Pillsbury Co, MPLS 1952-68.

LOONEY, J.W., 202-D Hutcheson Hall, Dept of Agr Econ, VPI & St Univ, Blacksburg VA 24061; PH 703-951-5185.
Instr, VPI & St Univ (03) 08, 07, 21.
b. 1944; M-1.
BS 1966 Univ of AR; MS 1968, Univ of MO, Columbia; JD 1971 Univ of MO, Kansas City.
Fields: 159, 012, 026, 151.
Prev Emp: Attorney-at-Law, Self Employed, Mena AR 1973-75; Instr, Univ of MO, Columbia 1971-73.
Mbr: ABA; AR-BA; MBA.

LOOSE, Thomas H., Dept of Agr Econ, PO Box 1071, Knoxville TN 37901; PH 615-974-7231.
Grad Res Asst, Univ of TN (03) 23, 22.
b. 1953; U.
BS 1975 Univ of TN at Martin.
Fields: 014, 013, 016, 081.
Mbr: SAEA.
Hon: Alpha Zeta.

LOTT, William F., Dept of Economics, U-63 Univ of Connecticut, Storrs CT 06268; PH 203-486-4661.
Assoc Professor, Univ of CT (03) 08, 07.
b. 1943; M-3.
BS 1965 PA St Univ; MES 1967, PhD 1969 NC St Univ.
Fields: 081, 062.
Prev Emp: Asst Prof, Univ of CT, Storrs 1969-75; Instr NC St Univ, Raleigh, 1968-69.
Pub: Excise Tax Revenue Maximization, SEJ 1974; Economics of an Election, Atlantic Econ Jour 1975; Optimal Set of P.C. Restrictions on a Least-Squares Regression, Communication in Statistics 1973.
Mbr: AEA; SEA; ES.
Hon: Am Men & Women of Science.

LOUGH, Harold W., 500 SW 12th Street, Washington DC 20250; PH 202-447-4879.
Agr Econ, USDA-ERS (16) 07, 08.
b. 1944; M-2.
BS 1966 Purdue Univ; PhD 1971 OR St Univ.
Fields: 014, 101, 095.
Pub: The Relationship Between Farm Coops Economic Performance and Levels of Motivation to Achieve Objectives, PhD Dissertation, OR St Univ 1971; Base Plans in U.S. Milk Markets, MRR957, USDA 1972; The Cheese Industry, AER 294, USDA 1975.

LOVE, Harold C., Dept of Rural Economy, Univ of Alberta, Edmonton, Canada; PH 403-432-4225.
Prof of Econ, Univ of Alberta (03) 07, 22, 18.
b. 1911 Kansas; Citz: Canada; M-3.
BS 1933, MS 1952 KS St Univ; PhD 1956 IA St Univ; Res Fellow Honorary 1968-69, Harvard Univ.
Fields: 011, 013, 094, 081.
Prev Emp: Prof & Chrm, Univ of Houston, 1957-62; Assoc Prof, KS St Univ 1948-57; County Agt, Beloit, Mitchell County KS 1944-48.
Pub: Barley Response to N&P Fertilizer, CJSS 1976; Alberta Beef for Japan, Alberta Cattle Comm, Calgary 1971; Forage Production Needs for Canadian Prairie Province, Western Fertilizer Coop, Calgary 1969.
Lang: Fr 3-0-0, Ger 3-0-0.
Mbr: CAES, Ed Council 1964-67; IAAE; EIRDS; ECBCF.
Hon: Who's Who in Am; Am Men & Women of Science; Canadian Rep OECD Meeting, Paris, France 1967 & 1968; Cons Econ, Stanford Res Inst, Ethiopia 1968; Cons Econ, Canadian Govt in Ghana, W. Africa 1971-74.

LOVE, Harold G., Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506.
Ext Professor, Univ of KY (03) 09, 07, 08.
b. 1928; M-2.
BS 1949; MS 1963 Univ of KY; PhD 1969 Univ of MO.
Fields: 014, 015, 019, 073.
Prev Emp: Area Mktg Spec, Univ of Ky, Louisville KY 1957-66; County Agt, Univ of KY, Harrodsburg 1954-57; Proof Dir, U.S. Army Ord, Jefferson Proving Grounds, IN, 1952-54.
Pub: A Method for Improving Time Use, Jour of Food Distribution 1976; Managing Farm Supply Cooperatives: Cases, Materials and Instructor's Guide, Univ of KY 1975; The Reasons Participants Drop Out of Food Stamp Program, AJAE 1970.
Lang: Sp 2-0-0.
Mbr: Food Distribution Res Soc; SAEA; Assn of Coop Educ.
Hon: Gamma Sigma Delta; Epsilon Sigma Phi; State Ext Spec Award.

LOVELL, Ashley C., Tarleton Station, Stephenville TX 76402; PH 817-968-2166.
Assoc Professor, Tarleton St Univ (03) 08, 02, 07.
b. 1944; M-3.
BS 1967 Tarleton St Univ; MS 1970, PhD 1971 Univ of MO.
Fields: 012, 011, 014, 151.
Prev Emp: NDEA Fellow & Teaching Asst, Univ of MO, Columbia 1967-70.
Pub: End-Products for an EDP Farm Accounting and Managerial Information System, Univ of MO, Dissertation 1970; Farmer Returns & Marketing Margins for Beef, Univ of MO 1970; Estimating the Response of Feedlot Beef Cattle to Various Corn Silage Rations, CJAE 1974.
Mbr: SAEA, TACT-TSU Chapter Secretary.
Hon: NDEA Fellow; Gamma Sigma Delta; Natl Teaching Fellow.

LOVERING, James, Res Station, PO Box 1210 Charlottetown, PEI, Canada C1A7M8; PH 902-892-5461.
Economist, Agr Canada (78) 07, 06.
b. 1938, Canada; Citz: Canada; M-2.
BS 1959, MA 1962 Univ of Manitoba; PhD 1967 Cornell Univ.
Fields: 011, 105, 084.
Prev Emp: Dir, Econ Improvement Corp, Charlottetown 1968-70; Econ Agr Canada. Regina, Sask 1967-68; Geographer, Canada Energy, Mines & Resources 1961-67.
Lang: Fr 3-2-2.
Mbr: CAES; AIC.
Hon: PKP.

LOVETT, Harold W., Dept of Agr Econ, Univ of Georgia, Athens GA 30602; PH 404-542-2481.
Grad Asst, Univ of GA (03) 23, 07.
b. 1946 Florida; U.
AA 1966 Central FL Jr College; BS 1975 GA Southern College.
Fields: 011, 012, 020.
Prev Emp: Captain, Army 1966-73; Orderly, J. Hillis Miller Med Ctr, Gainesville FL. 1965-66; Film Processor, RoMo Color Lab, Gainesville FL 1964-65.

LOWE, James C., 600 - 1853 Hamilton Street, Econ Branch, Agr Canada, Regina, Sask, Canada S4P 2C1; PH 306-569-5545.
Economist, Agr Canada (78) 07, 18, 01.
b. 1941; Citz: Canada; M-2.
BS 1964 Univ of Manitoba; MS 1968, PhD 1972 Univ of WI.
Fields: 014, 017, 015, 016.
Prev Emp: Farm Mgmt Spec, Manitoba Dept of Agr, Brandon 1965-69.
Lang: Fr 3-0-0.
Mbr: CAES, SIA-AIC.

LOWENSTEIN, Frank, 1818 H Street NW, Washington DC 20433; PH 202-477-3905.
Sr Agr Econ, World Bank (66) 18, 17, 22.
b. 1914; M-3.
BA 1936 Vanderbilt Univ; MA 1947 Am Univ.
Fields: 017, 016, 018, 014.
Prev Emp: Chf Econ, Kohlmeyer & Co, New Orleans LA 1970; Staff Econ, USDA, Washington DC 1967.
Pub: The Demand for Textile Fibers in the U.S., USDA Tech Bull. 1301, 1963; Cotton and Other Fiber Problems and Policies in the U.S., Natl Adv Comm on Food & Fiber 1967; Agricultural Sector Review, Philippines, World Bank 1973.
Hon: Am Men & Women of Science.

LOYD, Harold J., ABAC Station, Box 13, Tifton GA 31794; PH 912-386-3245.
Assoc Professor, Abraham Baldwin Agr College (04) 02, 08.
b. 1944; M.
BS 1966 Southwest MO St Univ; MS 1968, PhD 1971 Univ of MO.
Fields: 014.
Mbr: NEA; GAE.
Hon: Alpha Beta Gamma, Natl Chrm 75-76.

LOYD, Max I., 293 Barre Hall, Dept of Agr Econ, Clemson Univ, Clemson SC 29631; PH 803-656-3461.
Assoc Professor, Clemson Univ (03) 09, 07.
b. 1932 North Carolina; M-2.
MS 1963, PhD 1970 NC St Univ.
Fields: 014, 141, 062, 016.
Prev Emp: Assoc Prof, Ersking College, NC 1971-72; Agr Econ, USDA, NC St Univ 1967-69; Ext Spec, Clemson Univ 1970.
Lang: Fr 2-3-3, Ger 2-3-3.
Mbr: AEA; SAEA.
Hon: PKP; GSD; PES.

LOYNS, Richard M.A., Dept of Agr Econ, Univ of Manitoba, Fort Garry, Manitoba Canada R3T2N2; PH 204-474-9384.
Professor, Univ of Manitoba (03) 07, 08, 02.
b. 1940 Canada; Citz: Canada; M-1.
BS 1963, MS 1964 Univ of Manitoba; PhD 1968 Univ of CA, Berkeley.
Fields: 050, 051, 017, 014.
Prev Emp: Asst Dep Mins, Consumer Corp Affairs, Ottawa 1974-76; Res Dir, Food Prices Review Board, Ottawa 1973-74; Res Econ, Prices & Incomes Comm., Ottawa 1970.
Pub: Agricultural Marketing Boards, Food Policy, Food Price Analysis.
Lang: Fr 2-2-2.
Mbr: CAES.

LU, Yao-Chi, Room 248 GHI Bldg, 500 12th Street SW, Washington DC 20250; PH 202-447-7681.
Agr Econ, USDA (16) 07, 15.
b. 1932 Taiwan; Citz: USA; M-3.
BS 1955 Natl Taiwan Univ; MS 1962, PhD 1967 IA St Univ.
Fields: 081, 105, 075.
Prev Emp: Asst-Assoc Prof, OK St Univ, 1967-75; Res Assoc, IA St Univ 1966-67.
Pub: A Generalization of the CES Production Function, Rev of Econ & Stat 1969; An Economic Analysis of Carryover Policies for the U.S. Wheat Industry, OK St Univ Agr Exp 1971; Measuring Productivity Change in U.S. Agriculture, SJAE 1975.
Lang: Chinese; Other: Jap 1-1-1.
Mbr: AEA; WAEA; SAEA.
Hon: Am Men & Women of Science; AAEA Award MS Thesis; AAEA Award PhD Dissertation; WAEA Published Research Award.

LUBY, Patrick J., PO Box 1409, Madison WI 53701; PH 608-241-3311.
V. President, Oscar Mayer & Co (51) 16.
b. 1930 Ohio; M-4.
BA 1952; MS 1954; PhD 1956.
Fields: 018, 016, 014, 015.
Prev Emp: Instr, Asst Prof, USDA, Purdue Univ, W. Lafayette IN 1954-58; Asst, OH St Univ, Columbus, 1953-54; Asst, Purdue Univ 1952-53.
Mbr: Natl Livestock & Meat Board, Dir. since 1970.
Hon: Who's Who in Am; Am Men & Women of Science.

LUCKHAM, William R., Dept of Agr Econ, 315 Hutcheson Hall, Blacksburg VA 24061; PH 703-951-5265.
Assoc Prof-Ext Spec Mktg, VPI & St Univ (03) 09, 08.
b. 1931 Canada; Citz: Canada; M-3.
BSA 1955 Univ of Guelph; MS 1957, PhD 1959 OH St Univ.
Fields: 013, 014, 012.

Pub: Alternative Investments-Tools for Decision Making, VPI & St Univ 1975; Computerized Cash Flow Analysis, VPI & St Univ 1974; Labor vs Mechanization in Producing and Processing Table Eggs, VPI & St Univ 1972.
Lang: Fr 3-3-3.
Mbr: SAEA; VA-Soc Sci Assoc,
Hon: Epsilon Sigma Phi; Am Men & Women of Science.

LUDIN, Mohamad W., Central Stat Office, Nadir Shah Mena, Kabul, Afghanistan; PH 24883.
Gen Dir of Agr Stat, Govt of Afghanistan (40) 18, 22.
b. 1938 Nangerhar; Citz: Afghanistan; M-4.
1962-64 Univ of Tucson; BS 1968 Kabul Univ; 1974-75 ISPC (USA).
Fields: 152, 018, 151, 081.
Prev Emp: Agr Ext Supr, Ministry of Agr, Kabul, 1 year; Teacher, Ministry of Education, Baghlan, 4 years.
Lang: Pashto; Other: Dari 1-1-1, Eng 2-2-1.

LUDLOW, Robert R., Agr-Econ Dept, Purdue Univ, W. Lafayette IN 47907; PH 317-494-1023.
Grad Asst, Purdue Univ (03) 07, 23.
b. 1926 Florida; M-3.
BS 1949 Purdue Univ; MBA 1973 IN Univ; ABD 1976 Purdue Univ.
Fields: 030, 060, 040, 090.
Prev Emp: President, Ludlow Furniture Inc, Indianapolis IN 1949-71.
Mbr: AEA.
Hon: Sigma Iota Epsilon.

LUDWIG, Robert J., 15 Acorn Park, Cambridge MA 02140; PH 617-864-5770.
Cons, Arthur D. Little Inc (51) 19,15, 07.
b. 1943 Pennsylvania; M-1.
AB 1965 Lebanon Valley College; MS 1967 Univ of NH.
Fields: 011, 016, 014, 082.
Mbr: SID.

LUFT, LeRoy D., Ext Service, MT St Univ, Bozeman MT 59715; PH 406-994-3511.
Assoc Prof & Ext Econ, MT Ext Serv (03) 09.
b. 1936 Montana; M-2.
BS 1959, MS 1967 MT St Univ; PhD 1971 Univ of NE.
Fields: 012, 013, 011.
Mbr: WAEA; ASF&RA, College V. Pres 1973-74.

LUNA, Carlos, Las Begonias 441, Piso 12, San Isidro, Lima, Peru; PH 40-0799.
Partner, Corp de Racionalizacion y Cons (CRC) (51) 10, 15, 20.
b. 1943 Peru; Citz: Peru; M-3.
BS 1965, Eng Agr 1967 Agrarian Univ; MA 1967 Bus School (ESAN); MA 1970, Dip Prod Econ 1971, Univ of Leeds.
Fields: 012, 014, 018, 110.
Prev Emp: Coor-Cons, UNICEF - Plng Inst, Lima Peru.
Lang: Spanish; Other: Eng 1-1-1.
Mbr: AES; Colegio de Ingenieros.

LUNDEEN, Ardelle A., Dept of Agr Econ, SD St Univ, Brookings SD 57006; PH 605-688-4141.
Asst Prof, SD St Univ (03) 08, 07.
b. 1929 South Dakota; M-2.
BS 1970, MS 1971 SD St Univ; PhD 1976 IA St Univ.
Fields: 020, 011, 060.
Prev Emp: Res Asst-Assoc, IA St Univ 1974 75; Instr, IA St Univ 1972-74.
Pub: An Investigation Into the S.D. Personal Property Tax, Agr Expt Sta, Brookings SD 1971.
Mbr: AEA; AAUP; Phi Kappa Phi.

LUNDGREN, Allen L., NC Forest Experiment Station , Folwell Avenue, St Paul MN 55108; PH 612-645-0841.
Prin Econ, USDA-Forest Service (23) 07.
b. 1927 Minnesota; M-3.
BS 1951, MF 1954, PhD 1959 Univ of MN.
Fields: 023, 026, 025, 093.
Prev Emp: Forest Econ, USDA Forest Serv, Grand Rapids MI 1956-65; Jr. Foresterer USDA Forest Serv, Silver City NM 1951-53.
Pub: Economic Bases for Allocating Resources in Outdoor Recreations, USDA Forest Serv 1974; Cost Price: A Useful Way to Evaluate Timber Growing Alternatives, USDA Forest Serv Res Pap NC 95, 1973; Tables of Interest Rate Multipliers for Evaluating Forestry Investments, USDA For Serv Res Paper NC 51 1971.
Mbr: AEA; SAF, Chpt Pres.

LUNEY, Percy R., Office of Equal Opportunity, USDA, Washington DC 20250; PH 202-447-4563.
Chief-Prog, Plng & Eval Div, OEO-USDA (23 06, 19.
b. 1923 Kentucky; M-1.
BS 1949 KY St Univ; MS 1953 Univ of KY; 1953-55 Univ of Chicago.
Fields: 011, 017, 159.
Prev Emp: Econ Intelligence Office, U.S. Govt, Washington DC 1955-65; Voc Agr, Scott & Todd High School, KY, 1949-51.
Pub: Remote Sensing, Chapter One, Natl Academy of Sciences 1970.
Mbr: RSS.
Hon: Who's Who in Govt 1975-76; Gen Educ Board Fellowship.

LUTTRELL, Clifton B., PO Box 442, St Louis MO 63166; PH 314-421-1700.
Asst V. President, Fed Reserve Bank (36) 07.
b. 1917 Tennessee; M-2.
BS 1943 Univ of TN; MS 1947 Univ of IL; 1952- Univ of Chicago.
Fields: 013, 017, 112, 131.

Prev Emp: Econ, Fed Reserve Bank, St Louis 1947-68.
Pub: Determinants of Interest Rates, Financial Management: Seminar Proceedings USDA 1972; Impact of Monetary Actions on Farm Income and Finance, JFE 1974; Thomas Jefferson on Money & Banking, HOPE 1975.
Mbr: HES.

LUTZ, Edward A., Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-2013.
Professor, Cornell Univ (03) 09, 08, 07.
b. 1910 New York; M-1.
BS 1931 Cornell Univ; MBA 1937 Harvard U; PhD 1940 Cornell Univ.
Fields: 039, 032, 031.
Prev Emp: Fulbright Scholar, Norwegian Agr College, Vollebekk Norway 1968-69; Res Dir, NYS Commission on Introgovt Fiscal Relations, Albany NY 1962-64.
Pub: Extension of Public Choice Ideas, AAEA 1975.
Lang: Nor 2-2-2.
Mbr: ASPA; Govt Res Assn; Natl Municipal League.
Hon: Sigma Xi; Phi Kappa Phi; AAEA Ext Award 1974.

LUTZ, Ernest, Giannini Hall 330, Univ of CA, Berkeley CA 94720; PH 415-642-2619.
Res Asst, Univ of CA, Berkeley (03) 07, 23.
b. 1949 Switzerland; Citz: Switzerland; U.
Dipl Ing Agr-Eth, 1973 Swiss Fed Inst of Tech; MES 1974 Miami Univ.
Fields: 111, 064, 074, 017.
Prev Emp: Intern, US Env Prot Agency, Washington DC 1974.
Lang: German; Other: Fr 1-2-2, Eng 1-1-1.
Mbr: AEA; Swiss Assoc of Agr Econ.

LUYKX, Nicolaas, 1777 East-West Road, Honolulu HI 96822; PH 808-948-8714.
Dir, The Food Inst, East-West Center (70) 02, 08,07.
b. 1931 New Jersey; M-2.
BS 1953, MS 1958, PhD 1962 Cornell Univ.
Fields: 073, 017, 112, 051.
Prev Emp: Prof, Univ of HI, Current Jt Appt; Assoc Prof, MI St Univ, E. Lansing 1966-70; Asst Prof, Cornell Univ 1962-66.
Pub: Public Policy Controls on Technology, Am Soc Agr Engineers, 1972; Rural Governing Institutions, Insts in Agr Devl 1971; The Comilla Project, East Pakistan, Change in Agriculture 1971.
Lang: Bengali 2-3-3.
Mbr: IAAE; AUS. UDIAP.
Hon: PKP; GSD, Trustee, Agr Devl Council.

LYBECKER, Donald W., Dept of Agr Ind, So IL Univ, Carbondale IL 62901; PH 618-453-2421.
Assoc Prof, Southern IL Univ (03) 08, 07, 09.
b. 1938 Washington; M-2.
BS 1961, MA 1963 WA St Univ; PhD 1970 IA St Univ.
Fields: 012, 011, 017.
Prev Emp: Res Assoc, IA St Univ, Mexico City, 1968-69; Instr, IA St Univ, 1965-68.
Pub: Resource Use in Irrigated Agricl, IA St Univ Diss. 1970; Prod Chara of the Mexican Broiler Hatchery Industry, World Poultry Sc Jour 1973.
Lang: Sp 1-1-1.
Mbr: AEA.
Hon: Outstanding Tchr, Sch of Agr 1974.

LYNNE, Gary D., McCarty 1157, Dept of Food & Res Econ, Univ of FL, Gainesville FL 32611; PH 904-392-1758.
Asst Prof, Univ of FL (03) 07, 08.
b. 1944 North Dakota; M-2.
BS 1966, MS 1969 ND St Univ; PhD 1974 OR St Univ.
Fields: 021, 020, 026, 011.
Prev Emp: Resource Econ, ND Water Inst, Fargo 1969-70; Farm Mgmt Econ, ND St Univ, Fargo 1967-69.
Pub: Multiple Objective Planning Procedure, PhD Thesis OR St Univ 1974; Trade Off Ratio Calculations in Water Resource Planning, Agr Exp Sta, OR St Univ 1975.
Mbr: SAEA.
Hon: AAEA MS Thesis Award; Robert Johnson Fellow.

LYTLE, John S., Dept of Agr Econ, 259 Barre Hall, Clemson Univ, Clemson SC 29631; PH 803-656-2396.
Assoc Prof, Clemson Univ (03) 07, 08.
b. 1940 Ohio; M-3.
BS 1962, MS 1963, PhD 1966 OH St Univ.
Pub: The Optimum Size Cotton Gin as Related to Assembly and Ginning Costs, Clemson Univ 1972.
Mbr: SAEA.

LYTLE, Paul W., PO Box 119 Maumee OH 43537; PH 419-893-5050.
Plng Anal, The Andersons (51) 15.
b. 1943 Ohio; M-3.
BS 1965, MS 1967 OH St Univ; PhD 1975 Univ of IL.
Prev Emp: Assoc Prof, Univ of NE 1970-75; Res Assoc, Univ of IL 1967-70; Res Assoc, OH St Univ 1965-67.
Pub: Intrafirm Analysis of Financing Statements of Country Elevators, OH St Univ 1970; Simulation and Economic Analysis of On-Farm Grain Drying and Storage Systems, Univ of NE 1974.
Mbr: SAEA; WAEA; CAEA.

MABBS-ZENO, Carl C., 237 Sartain Drive, Athens GA 30601

MABROUK, Abdelaziz B., Min de l'Agr, BPDA, 10 Avenue, Jean Jaures, Tunis, Tunisia.

MACANDREWS, Colin, PO Box 63, Yogyakarta, Indonesia.
Field Staff Member, The Rockefeller Foun. (72) 22.
b. 1935; U.
BA 1958 Cambridge Univ; PhD 1976 MIT.
Fields: 073, 038.
Prev Emp: Econ Plnr, Prime Ministers Off. Malaysia 1974-76; Assoc Prof, Env Studies, Toronto, 1970-74.

MACAULAY, T. G. 52 Helena Street, Ottawa, Ontario, Canada K1A 3N1.

MACCALLUM, David E., NSW Dept of Agr, Mktg & Econ, State Office Block, Phillip Street, Sydney, NSW, Australia 2000; PH 02-270-4937.
Chief, Div of Mktg, NSW Dept of Agr., (78) 06, 18.
b. 1936 Australia; Citz: Australia; M-3.
BSA 1960 Univ of Sydney; MS 1966, PhD 1966 Univ of IL.
Fields: 014, 013, 017.

MACDONALD, Archibald D., 50 Maitland Str, Toronto, Ontario, Canada M5W 1K2; PH 416-920-2700.
Sr Econ, Ontario Milk Mktg Board (52) 18, 07, 15.
b. 1939 Canada; Citz: Canada; M-2.
BS 1962 McGill Univ; MS 1964 Cornell Univ.
Fields: 093, 080.
Prev Emp: Econ, Dept of Agr & Food, Toronto, Ontario, 1966-68; Econ Dept of Agr - Canada, Ottawa 1964-66; Res. Assoc, NY St College of Agr, Cornell Univ 1964.

MACEACHERN, Gordon A., AERCC, 100 Bronson Avenue, Suite 203, Ottawa, Ontario, Canada K1R 6G8.

MACHADO, Virgilio, Azuil P., Food & Res Econ, IFAS, Univ of FL, Gainesville FL 32611; PH 904-392-1886.
Res Asst, Univ of FL (03) 23, 07.
b. 1950 Portugal; Citz: Portugal.
Licenciado 1973 Univ of Lourenzo Marques; ME 1975 Univ of FL.
Fields: 065, 153.
Prev Emp: Eng Trainee, Quimical Geral, Mozambique, 1973; 1st Cl Auxil, PEA Geology Serv, Mozambique 1969.
Pub: A Piecewise Linear Regr Procedure, ISE Dept U.F. Gainesville 1976.
Lang: Portuguese; Other: Eng 1-1-1, Fr 1-2-1, Sp 1-3-2.
Mbr: AIIE; Ordem dos Engenheiros.

MACK, Lawrence E., Dept of Economics, CO St Univ, Ft Collins CO 80521; PH 303-491-7183.
Asst Prof, CO St Univ (03) 07, 08, 09.
b. 1940 South Dakota; U.
BS 1962 SD St Univ; MS 1965, PhD 1969 Univ of AZ.
Fields: 021, 012, 011, 080.
Prev Emp: Asst Prof, Univ of AZ, Tucson AZ 1969-73; Res Assoc, Univ of AZ, Tucson AZ 1967-68.
Pub: Water Supplies & Economic Growth, Univ of AZ Press 1973; Agr Credit and Finance in Arizona, Univ of AZ Dept Pub 1975; Water Resource Use on Indian Res in Colorado Southwest, CO St Univ 1975.
Lang: Sp 3-3-3.
Mbr: WAEA.
Hon: Best Pub Res 1973 AAEA; Best Pub Res 1973 WAEA.

MACKAY, David R., PO Box 423, Warrnambool, Victoria, Australia 3280; PH 055-62-8506.
Lecturer, Warrnambool Inst of Adv Educ (03) 08, 07.
b. 1949 Australia; Citz: Australia; U.
BAE 1972 Univ of New England.
Fields: 017, 014, 026, 025.
Prev Emp: Tutor, New England Univ, Armidale NSW 1972-73; Cadet Stat, Bure of Stat, Canberra ACT, Australia 1970-71.
Mbr: Australia AES.

MACKENZIE, William, Dept of Economics, McMaster Univ, Hamilton, Ontario, Cana
Professor, McMaster Univ (03) 08, 07, 22.
b. 1926 Scotland; Citz: Canada; M-2.
BSc 1946 Glasgow; B Litt 1948 Oxford; MS 1949 Cornell Univ; D Phil 1960 Oxford.
Fields: 073, 017, 141.
Prev Emp: Adv, Proj Appraisal & Eval, Go of Kenya 1975-77; Sr Res Fellow, Univ of Dar es Salaam, 1971-73; Cons, ARDA, Govt of Canada, Ottawa 1967.
Pub: Progress and Prospects of Canadian Agriculture, Ottawa, 1957; The Canadia Dairy Industry, ARDA, Ottawa 1967; The Livestock Economy of Tanzania, Dar Es Salaam and Nairobi, 1973 and 1976.
Lang: Fr 2-2-2.
Mbr: CAES, V. Pres 1959; IAAE; Can Assoc of African Studies.

MACKEY, Everette, Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506; PH 60 257-1871.
Ext Spec, Univ of KY (03) 09.
b. 1919 Kentucky; M-2.
BS 1948, MS 1956 Univ of KY.
Fields: 151, 014.

MACKEY, R. B., Div of Agr & Res Economics, Univ of Nevada, Reno NV 89507.

MACKIE, Arthur B., Foreign Demand & Competition Div, ERS-USDA, Washington DC 20250; PH 202-447-8290.
Prog. Ldr, ERS-USDA (16) 07, 06, 15.
b. 1924 North Carolina; M-4.
BS 1949, MS 1953 NC St Univ; PhD 1956 IA St Univ.
Fields: 112, 071, 073, 076, 016.
Prev Emp: Br Chf, ERS-USDA, Washington DC 1968-73; Asst Br Chief, TVA, Knoxville 1956-61; Asst County Agent, NC Agr Ext Service, Salisbury NC 1949-51.
Pub: World Demand Prospects for Agr Exports of LDC's in 1980, ERS-USDA 1970; World Demand Prospects for Bananas in 1980, ERS-USDA 1971; For Econ Growth & Market Potential for U.S. Agr Products, ERS-USDA 1965.
Lang: Sp 2-3-2, Fr 3-3-3.
Hon: Who's Who in Am; Am Men & Women of Science.

MACKIE, Philip L., Room 5081-S, 14th & Independence Avenue SW, Washington DC 20250; PH 202-447-3510.
Dep Asst Adm, FAS-USDA (18) 06, 15.
b. 1939 Delaware; M-4.
BS 1961, PhD 1969 Univ of MD.
Fields: 018, 016, 112, 014.
Prev Emp: Agr Stat, SRS-USDA, College Park MD 1961-64.
Pub: Demand for Agricultural Products in Spain, Dissertation 1969.
Mbr: IAAE.

MACLAREN, Donald, School of Agr Bldg, 581 King Street, Aberdeen, Scotland AB9 1UD; PH 0224-40291.
Lecturer, Univ of Aberdeen (03) 08, 07.
b. 1942 Scotland; Citz: UK; M-2.
BS 1966 Aberdeen; MS 1968, PhD 1970 Cornell Univ.
Fields: 112, 081, 016.
Prev Emp: Vstg Assoc Prof, Univ of Guelph, Ontario, Canada 1975.
Pub: Reciprocity in International Trade, A Comment, AJAE 1969.
Lang: Fr 2-3-3, Ger 3-3-3.
Mbr: AES.
Hon: Phi Kappa Phi.

MACMILLAN, James A., Dept of Agr Econ, Univ of Manitoba, Winnipeg, Manitoba, Canada; PH 204-474-9827.
Professor, Univ of Manitoba (03) 07, 08.
b. 1940 Canada; Citz: Canada; M-2.
PhD 1968 IA St Univ.
Fields: 030, 040, 020.
Pub: Manitoba Interlake Area, IA St Univ Press 1975; Migration Analysis and Farm Projection Models, AJAE 1974; A Proposed Simulation Method for Measuring Structural Change & Rural Devl Prog in Pacts, CJAE 1974.
Lang: Fr 3-3-3.
Mbr: AAEA; CAES, Coun. 1973-75; CEA.

MADDEN, J. Patrick, 55 Wheeler Street, Cambridge MA 02138; PH 617-492-7100.
Sr Sci, ABT Assoc Inc (51) 07, 19.
b. 1937 Oregon; M-5.
BS 1959 OR St Univ; PhD 1962 IA St Univ.
Fields: 044, 011, 083, 034.
Prev Emp: Prof, PA St Univ, University Park 1967-75; Econ. Natl Adv Com on Rur Poverty, Washington DC 1966-67; Agr Econ, USDA Econ Res Serv, Washington DC 1962-66.
Pub: Economics of Size in Farming, GPO, Washington DC 1967; Milk Production Functions, JFE 1964; Program Evaluation: Food Stamps, PA St Univ 1972.
Mbr: AEA; NAEC; Am Dietetic Assoc.
Hon: Am Men & Women of Sci; AAEA Award for Professional Excellence 1973.

MADER, Edward J., Dir Commodity Res, E.F. Hutton & Co, Inc. One Battery Park Plaza, New York NY 10004.

MADEWELL, Carl E., 135 Creekwood Circle, Florence AL 35630.

MADILL, J. W., General Manager, Alberta Wheat Pool, PO Box 2700, Calgary, Alberta, Canada T2P 2P5.

MADRONIO, Severino T., 35 Boone Street, Rizal, Philippines.

MADSEN, Albert G., Dept of Economics, CO St Univ, Fort Collins CO 80523; PH 303-491-7200.
Professor, CO St Univ (03) 08, 07, 09.
b. 1932 Utah; M-4.
BS 1956, MS 1959 UT St Univ; PhD 1962 Univ of IL.
Fields: 014, 073, 101, 141.
Prev Emp: Adv, Ministry of Agr, El Salvador 1973-75; Agr Econ, P&S Adm, USDA, Washington DC 1963-65; Res Assoc, Univ of IL, Urbana 1962-63.
Pub: El Salvador's Market System, Food & Agr Div, USAID, El Salvador 1975; Two Studies of Rural Consumption of Food, Ministry of Agr, El Salvador 1975; Conglomerates: Econ Conduct & Performance, AJAE 1969.
Lang: Sp 1-2-2.
Mbr: AEA; WAEA.
Hon: Who's Who in America.

MADSEN, Howard C., PO Box 3556, Washington DC 20007; PH 703-841-1030.
Dir of Econ & Stat, American Meat Inst (53) 19, 18, 15.
b. 1944 Iowa; M-2.
BS 1965, PhD 1972 IA St Univ.
Fields: 011, 081, 017, 026.
Prev Emp: Dir of Env Res, IA St Univ, 1973-74; Prog Spec, IA St Univ, Ames, 1971-72; Agr Policy Anal, IA St Univ, 1968-70.
Pub: Future Farm Programs, IA St Univ 1972; Agricultural & Water Policies & the Environment, IA St Univ 1972; Models of Soil Loss, Land & Water Use, Spatial Agrl Structure & the Env., IA St 1974.
Lang: Fr 3-0-0, Sp 3-0-0.
Hon: Phi Kappa Phi; Gamma Sigma Delta; Best Pub Res Award, AAEA 1973. Mbr:IAAE.

MADSEN, Jeffrey P., Financial Aid Office, The Am Univ, Washington DC 20037; PH 202-686-2074.
Grad Fellowship Spec, The Am Univ, (03) 24, 02, 07.
b. 1950 New York; U.
BA The Am Univ.
Fields: 080, 020, 040, 060.
Prev Emp: Adm Asst, UN Secretariat, NYC 1970-71.

MAFFUCCI, Eugenio A., Apartado Postal 11217, Lima, Peru; PH 27-8953.
Proj Mgr, Inter Am Devl Bank (65) 03, 07, 08.
b. 1938 Sante Fe; Citz: Argentina; M-1.
Publ Acct 1965 Del Litoral-Argentina; MS 1969 NC St Univ; PhD 1974 MN St Univ.
Fields: 110, 074, 073, 021.
Prev Emp: Proj Mgr, Cons Econ Assoc, Buenos Aires, Argentina 1972-74; Cons. OAS, Latin Am 1972-73; Cons, IBRD, Mexico 1972.
Pub: Agric Exports & Econ Devl, Agr Policy in Devl Count, Nurul Islam etal 1974; Price and Quantity Fluct in Arg. Export, Banco Ganadero Argentino 1973; Exports Earnings Instability: Argentina, PhD Dissertation, Univ of MN 1974.
Lang: Spanish: Other: Eng 1-1-1, Ita 2-2-2.
Mbr: AEA; Assoc Arg de Econ Politica.

MAGLEBY, Richard S., ERS-NRED, 500 12th Street SW, Washington DC 20250; PH 202-447-2667.
Agr Econ, USDA (16) 07, 19, 06.
b. 1934 Idaho; M-3.
BS 1959 Brigham Young Univ; MS 1961 UT St Univ; PhD 1965 PA St Univ.
Fields: 026, 014, 016.
Prev Emp: Agr Marketing Specialist, USDA-AID, Paraguay, 1971-73; Agr Economist, USDA-ERS, Washington DC 1966-71; Staff Economist, National Commission on Food Marketing, Washington DC 1965-66.
Pub: Sheep and Lamb Losses 1974, ERS 1975; World Demand Prospects for Cotton, ERS 1971; Planning Korea's Agr Devl, ERS 1970.
Lang: Sp 1-1-1, Por 2-0-0.
Mbr: IAAE; SID.
Hon: Who's Who in Government; USDA Cert. of Merit in 1973.

MAHARAJAN, Bekha L., 200 Mumford Hall, Dept of Econ, Univ of Missouri, Columbia MO 65201; PH 314-882-3836.
Student, ADC New York (70) 07, 08, 09.
b. 1943 Nepal; Citz: Nepal; M-1.
MS 1968 IARI, New Delhi; PhD 1976 Univ of MO.
Fields: 011, 012, 017, 014.
Prev Emp: Res Asst, HMG Nepal MFA, Kathmandu 1965; Asst Agr Econ, HMG Nepal MFA 1969; Agr Econ, HMG Nepal MFA 1972.
Pub: Problems of Input Supply in Bhaktapur Nepal, IARI, New Delhi 1968; Studies on Farm Management in Selected Districts, Nepal, Kathmandu 1971; Production Functions for Sample Farms in Nepal, Nepal, Kathmandu 1970.
Lang: Nepalese; Other: Eng 1-1-1, Hindi 2-1-2.
Mbr: Gamma Sigma Delta; Nepal Econ Assoc; Nepal Applied Econ Res Center.

MAICHER, George B., Box 429, Westlock, Alberta, Canada; PH 403-342-3343.
Farm Mgmt Cons., Agriculture Canada (15) 20, 07.
b. 1945 Germany; Citz: Canada; M-2.
BA 1973 Laurentian/Ontario; MS 1976 Univ of Guelph, Ontario.
Fields: 017.
Lang: German; Other: Sp 3-3-3, Fr 3-3-3.
Mbr: CAES.

MAIER, Frank H., Div of St Plng, 660 Apalachee Pkwy, Tallahassee FL 32304; PH 904-488-2401.
Res Econ, St of Florida, Dept of Adm (40) 15, 18, 19.
b. 1918 Illinois; M-2.
BA 1940 Valparaiso Univ; MBA 1941, MA 1951, PhD 1969 Univ of Chicago.
Fields: 072, 017, 061.
Prev Emp: Assoc Prof, FL St Univ 1958-74; Agr Econ, USDA, Washington DC 1954-63; Asst Prof, Vanderbilt Univ, Nashville TN 1951-54.
Pub: An Econ Anal of Adoption of the Mechanical Cotton Picker, PhD Dissertation, Univ of Chicago 1969; Sale Value of Flue Cured Tobacco Allotments Bull. #148, VA Agr Exp Sta 1960; Tenure Status of Farmworkers in the U.S., USDA Tech Bull #1217, 1960.

Lang: Ger 2-3-3.
Mbr: AEA; SEA.
Hon: Am Men & Women of Science.

MAIKIDI, Babale G., Ministry of Nat Res, Headquarters Plng Unit, Yola, Nigeria, Africa.
Agr Off (Plng), Gongola St Govt (23) 15, 06, 17.
b. 1944 Nigeria; Citz: Nigeria; M.
BS 1969, Lincoln Univ, MO; MA 1974 W. IL Univ.
Fields: 016, 014, 017, 013.
Prev Emp: Prob Tchr, Sr Primary School, Abong 1964.
Lang: Ndoro; Other: Eng 1-1-1, Hausa 1-1-1.

MAIMBO, Fabian J.M., Rural Devl Studies Bureau, Box 900, Lusaka, Zambia.
Res Fellow, Univ of Zambia (03) 07, 08.
b. 1945 Zambia; Citz: Zambia; M-3.
BA 1972 Zambia; MS 1975 Guelph.
Fields: 031, 014, 054, 015.
Pub: Terms of Trade Between Urban & Rural Sectors of Zambia, African Social Res 1971; Patterns of Income & Expenditure, RDSB, Occasional Paper 1975.
Lang: Tonga; Other: Eng 1-1-1.
Mbr: IAAE; RSS; SID, Survey Correspondent 1975.

MAIRIANG, Kasem, Div Tech Bk for Agr & Agr Coop, Bangkok 2 Thailand.

MAISH, Lynn J., OMF, Policy Anal & Prog Eval Staff, USDA, Rm 117A, Washington DC 20250; PH 202-447-6667.
Econ, USDA, Office of Mgmt & Finance (23) 19.
b. 1942 Indiana; M.
BS 1964 Purdue Univ; MS 1965 MI St Univ; 1968-73 Univ of MN.
Fields: 011, 017, 136, 032.
Prev Emp: Res Asst, Univ of MN 1968-73; Off., U.S. Army 1966-67; Res Asst, MI St Univ 1964-65.
Mbr: AEA.

MAKI, Wilbur R., Dept of Agr & Applied Econ, Univ of MN, St Paul MN 55108; PH 612-376-3433.
Professor, Univ of MN (03) 07, 08.
b. 1924 Michigan; M-4.
BA 1948, MA 1949, Univ of MI; MS 1954, PhD 1956 IA St Univ.
Fields: 035, 032, 031, 085.

MALLETT, James I., Rm 12, Agr Bldg, College Station TX 77840; PH 713-845-4445.
State Com Res Devl Prog Ldr, TX Agr Ext Service (02) 09, 01.
b. 1930 Oklahoma; M-2.
BS 1952 OK St Univ; MS 1962, PhD 1971 TX A&M Univ.
Fields: 030, 014, 011, 020.
Prev Emp: Proj Ldr, TX Agr Ext Serv, 1972-75; Ext Farm Mgmt Spec, TX Agr Ext Serv 1966-72; Area Farm Mgmt Spec, TX Agr Ext Serv, Mt. Pleasant 1960-66.
Pub: An Economic Evaluation of Vertical Coordination in the Feed Grain Livestock Meat Industry in the Rio Grande Project Area, Dissertation, Dec 1971.
Mbr: ASFM&RA, Chrm Ed Comm 1975; TX-SFM&RA, Pres., V. Pres. Sec Treas. 1967-73.
Hon: Omicron Delta Epsilon.

MALONE, Carl C., 1121 E. Ridgeway, Fayetteville AR 72701.
Retired (76) 26.
b. 1901 Iowa; M-4.
Fields: 073, 012.
Prev Emp: Cons, Ford Foundation, India 1960-69; Inst-Prof, IA St Univ 1960.
Pub: Indian Agriculture Progress in Production, New Delhi 1974.
Mbr: AEA; IN-AES.

MALONE, Eugene M., 100 Manhattan Road, Joliet IL 60433; PH 815-727-4811.
Exec Sec, Will Co Farm Bureau (70) 04, 18, 10.
b. 1929 Illinois; M-5.
BS 1952, MS 1955 Univ of IL.
Fields: 017, 156, 092.
Prev Emp: Exec Sec, McDonough Co Farm Bureau, Macomb IL 1955-58; Res Asst, Univ of IL, Urbana, 1954-55.
Pub: Shop Talk (regular Column) Joliet Farmers Weekly Review, Weekly Since 1958; What is a Farm Worth to a Farmer, Joliet 1964.
Mbr: Will Co Farm Bureau; Joliet Chamber of Commerce, V. Pres 1963-64.
Hon: Hon. Farmer FFA; Farm Bureau 20 Yr Service.

MALONE, Gerald W., PO Box 5187, MS St Univ Mississippi State MS 39762; PH 601-325-2750.
Asst Prof, Agr Econ, MS St Univ (03) 07,08.
b. 1944 Louisiana; M-2.
BS 1966, MS 1968 LSU; PhD 1971 Purdue.
Fields: 014, 016, 015, 101.
Mbr: SAEA; World Poultry Sci Assoc; MS-AEA.
Hon: Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta.

MALONE, John W. Jr., Dept of Agr Econ & Rural Soc, PA St Univ, State College PA 16801; PH 865-5461.
Prof & Dept Head, PA St Univ (03) 02, 08, 07.
b. 1930 Connecticut; M-1.
BS 1956, MS 1958 Univ of CT; PhD 1963 OK St Univ.
Fields: 017, 062, 102, 112.

Prev Emp: Prof & Dept Head, Univ of NV, Reno NV 1966-74; Dir Prog Plng, Univ of NV System, Reno, 1972-73; Prof. Univ of NV, Reno 1962-66.
Pub: Interregional Competition Fed Beef, OK St Univ 1964; Inter Industry Anal Elko-Nev Economy, Univ of NV 1966; Property Taxation Related to Agr Land in Nevada, Univ of NV 1974.

MALPHRUS, Lewis D., Dept of Agr Econ & Rur Soc, Barre Hall, Clemson Univ, Clemson SC 29631; PH 803-656-2396.
Assoc Prof, Clemson Univ (03) 07, 08.
b. 1914 South Carolina; M-1.
BS 1938 Clemson Univ; MS 1940 Univ of TN; PhD 1954 Purdue Univ.
Fields: 014.
Prev Emp: Co Supr, Farmer's Home Adm, Dillon SC 1947; St Health Spec, Farmers Home Adm, Columbia SC 1947; Asst Reg Coop Spec, Farmers Home Adm, AL 1946.
Pub: Hog Marketing Practices in South Carolina, Clemson Univ 1955; Consumer Preference for Beef Produced on Grass and Grain or in Dry Lot, Clemson Univ, 1962; Grain Marketing in South Carolina, Clemson Univ 1974.
Mbr: SAEA; AAAS.
Hon: Sigma Xi; Alpha Zeta; Who's Who in South & Southwest; Am Men & Women of Science.

MAMECHA, Getachew, Jimma Inst 08 Agr, PO Box 307, Jimma, Ethiopia.

MAMER, J. W., 319 Giannini Hall, Univ of California, Berkeley CA 94720.

MANAHAN, Jerry M., Dept of Agr, IL St Univ, Normal IL; PH 309-438-2489.
Instr, IL St Univ (03) 08, 07.
b. 1944 Illinois; U.
BS 1967, MS 1970 IL St Univ.
Fields: 013, 014, 090, 035.
Prev Emp: Adm Asst to Pres, Blackhawk Prod Credit Assoc, Freeport IL 1971-74.
Mbr: AEA.

MANCHESTER, Alden C., ERS-NEAD Rm 260, USDA, Washington DC 20250; PH 202-447-8707.
Prog Ldr, Consumer Econ & Demand Anal, ERS-USDA (16) 06, 07, 19.
b. 1922 Connecticut; M-1.
AB 1943 Rollins College; MA 1948 Am Univ; PhD 1951 Harvard Univ.
Fields: 050, 015, 101.
Prev Emp: Chf, Animal Prod Br, ERS-USDA, Washington DC 1964-73; Agr Econ, AMS, USDA 1955-72; Exec Sec, New Eng Res Council, Boston MA 1951-55.
Pub: Market Structure, Institutions & Perform, USDA 1974; Pricing Milk & Dairy Prod, USDA 1971; Structure of Wholesale Product Markets, USDA 1964.
Mbr: AEA, AAAS.
Hon: Am Men & Women of Sci; Who's Who in Gov't; Cert of Merit, USDA 1961.

MANDELL, Paul I, Geography Dept, Univ of Texas, Austin TX 78712; PH 512-471-5117
Asst Prof, Univ of TX-Austin (03) 07,08.
b. 1935 New York; M-3.
AB 1958, MA 1960 Univ of Chicago; PhD 1969 Columbia Univ.
Fields: 072, 024, 016.
Prev Emp: Asst Res Geog, Univ of CA, LaJolla CA 1973-75; Asst Prof, Stanford Univ, Palo Alto CA 1966-73.
Lang: Por 1-1-1, Sp 1-2-1.
Mbr: AEA; Assoc of Am Geographers.

MANDERSCHEID, Lester Vincent, Dept of Agr Econ, MI St Univ, East Lansing MI 48824; PH 517-355-1782.
Prof & Assoc Chrmn, MI St Univ (03) 02, 08, 07.
b. 1930 Iowa; M-4.
BS 1951, MS 1952 IA St Univ; PhD 1961 Stanford Univ.
Fields: 016, 081, 141, 018.
Pub: Guidelines for Curric Changes in Agr Econ, AJAE 1973; Significance Levels - 0.05, 0.01 or ? AJAE 1965; Impr Undergrad Edu, MI St Univ 1967.
Mbr: IAAE; ES; ASA.
Hon: Am Men & Women of Sci; Intl Scholars Dir; AAEA Award In Teach; PKP; AZ.

MANESE, Carlos R., Sunkist Growers, Inc. PO Box 7888, Van Nuys CA 91409.

MANGAHAS, Mahar K., School of Econ, Univ of the Philippines, Diliman, Quezon Cit Philippines; PH 97-78-10.
Assoc Prof, School of Econ, Univ of the Philippines (03) 07, 08, 02.
b. 1944 Manila; Citz: Philippines; M-1.
AB 1962, MA 1965 Univ of the Philippines; PhD Econ 1970 Univ of Chicago.
Fields: 070, 080, 017, 043.
Prev Emp: Cons, Inst of Phil Culture, Ateneo de Manila Univ 1972-73; Cons., Natl Econ Council 1971-72; Cons., Rice and Corn Adm 1969-70.
Pub: Tenants, Lessees, Landowners: Welfare Implication of Tenure Change, Ateneo de Manila Univ Press 1976; Measuring Philippine Development, Manila 1976.
Lang: Eng 1-1-1, Tagalog 1-1-1.
Mbr: AEA; ES; Philippines AEA; PES.
Hon: Rockefeller Found Scholar Univ of Chicago 1965-68.

MANGUM, Fred A., Jr., Dept of Economics, NC St Univ, Raleigh NC 27607; PH 919-737-2885.
Assoc Prof, NC St Univ (03) 07, 08.
b. 1931 North Carolina; M-2.
BS 1957 NC St Univ; MS 1959 OK St Univ; PhD 1967 MI St Univ.
Fields: 017, 112, 026.

Prev Emp: Field Proj Ldr, MI St Univ, Seoul Korea 1974-75; Ext Econ, NC St Univ, Raleigh NC 1967-74; Res Assoc, MI St U. Perugia, Italy 1965-67.
Pub: Environmental Waste: Causes and Solutions, NC St Univ 1973; The Grain-Livestock Economy of Italy with Projections to 1970 and 1975, MI St Univ 1968; Market Access and Barriers to Trade, Agr Trade Policy, What are the Choices 1969.
Lang: Ita 2-0-0.
Mbr: AEA.
Hon: AAEA Pub Award, Quality of Communication 1974; WFEA MS Thesis Award 1959; Korean Govt Award 1975.

MANLEY, William T., 500 12th Street SW, Washington DC 20250; PH 202-447-8831.
Dir, NEAD-ERS-USDA (16) 06, 07, 15.
b. 1929 Kentucky; M-1.
BS 1951, MS 1955 Univ of KY; PhD 1958 Univ of FL.
Fields: 014, 015, 016, 017.
Prev Emp: Asst Prof, Univ of FL, Gainesville 1958-60.
Lang: Fr 2-0-0, Ger 2-0-0.
Mbr: IAAE; WAEA; FEIAA, Board of Dir 1974.
Hon: Who's Who in Am; Am Men & Women of Sci; Cert of Merit (Adm) USDA; Cert of Merit (Res) USDA.

MANN, Charles K., 1133 Ave of the Americas, New York NY 10036; PH 212-869-8500.
Economist, Rockefeller Foundation (72) 07, 22, 04.
b. 1934 California; M-2.
BA 1956 Williams College; PhD 1971 Harvard Univ.
Fields: 073, 017, 141.
Prev Emp: Chf, Econ Anal, USAID, Ankara, Turkey 1971-74; Budget Examiner, U.S. Budget Bureau, Washington DC 1964-68; Adm Asst, Aluminum Co Am, Pittsburgh PA 1960-64.
Pub: Tobacco: The Ants and the Elephants, Olympus Press, Salt Lake City 1975; Cigarette Smoking and the Tobacco Farmer, Public Policy 1970; Traditional Agricultures, Asian Review 1968.
Lang: Tur 2-3-1, Fr 3-3-3.
Mbr: AEA; Turkish-Am Soc, Sec 1972-76; SID, V. Pres. Turkish Chpt 1972-73.
Hon: AAEA Award for Prof Excellence 1972; USDA Unit Award for Distinguished Serv 1972.

MANN, J. S., 201 Eye Street SW, Apt 127 Washington DC 20024.

MANN, Thomas L., 345 Mercandise Mart Plaza, Chicago IL 60654; PH 312-222-7379.
Res Econ, Quaker Oats Co (51) 15, 10.
b. 1944 Illinois; M-2.
AB 1967 MS 1970 Univ of IL, PhD 1973 IA St Univ.
Fields: 016, 018, 080, 090.

MANN, William L., Acorn Park, Cambridge MA 02140; PH 617-864-5770.
Cons., Arthur D. Little Inc (51) 10, 11, 15.
b. 1937 USA; M-2.
BS 1958, MBA 1959, PhD 1964 Cornell Univ.
Fields: 011, 094, 095.
Prev Emp: Sr Econ, United Fruit Co., Boston MA, 1970-72; Sr Fin Anal, Ford Motor Co, Birmingham MI 1964-69.
Lang: Rus 3-0-0, Fr 3-0-0.

MANNING, Travis W., Dept of Rural Econ, Univ of Alberta, Edmonton, Alberta, Canada T6G 2H1; PH 403-432-3610.
Professor, Univ of Alberta (03) 08, 07, 09.
b. 1921 Oklahoma; Citz: Canada; M-6.
BS 1949, MS 1950 OK St Univ; PhD 1954 Univ of MN.
Fields: 020, 088, 085, 017.
Prev Emp: Agr Econ, Fed Resv Bank, Kansas City MO 1959-62; Prof, SD St Univ 1953-59; Instr, Univ of MN, St Paul MN 1950-53.
Pub: Graduate Education in Agr Economics, CJAE 1966; Economic Guidelines for Land and Water Resource Use in Agriculture, CJAE 1969; The Agricultural Potentials of Canada's Resources and Technology, CJAE 1975.
Lang: Fr 3-0-0.
Mbr: CAES; CIA; WAEA, Councillor 1974- --.
Hon: Who's Who in Am; Phi Kappa Phi; Am Men & Women of Science, Canadian Who's Who; Pi Gamma Mu.

MANSOUR, Abdesslem, Bureau of Planning & Agr Devl, Mins of Agr, Tunis, Tunisia.

MANTEUFFEL, Richard, Agr Univ of Warsaw, Nowoursynowska Street 166, Warsaw, Poland 02975; PH 43877.
Agronomy Dr, Retired Professor, Agr Univ of Warsaw (03) 26, 07, 08.
b. 1903 Poland; Citz: Poland; M-2.
Dr habil 1960 Agr Univ of Warsaw; Hon Dr 1973 Univ of Poznan.
Fields: 012, 011, 121.
Prev Emp: Prof, Agr Univ of Warsaw 1954-73; Sci Worker, Inst of Agr Econ, Warsaw 1948-58; Farm Mgr, Poland 1928-39.
Pub: Effectiveness of Investments in Agriculture, Warsaw (in Polish) 1963; State Farms in Poland, Warsaw 1958; Farm Accountancy, Warsaw 1961.
Lang: Polish; Other: Eng 1-1-1, Ger 1-1-1.
Mbr: IAAE; Polish Econ Soc; CIOSTA, Pres 1968-70.
Hon: Intl Who's Who; Hon Dr of Agr, Univ of Poznan.

MANUEL, Milton L., Dept of Economics, KS St Univ, Manhattan KS 66506; PH 913-532-6705.
Professor, KS St Univ (03) 08, 07.
b. 1919 Kansas; M-3.
BS 1941, MS 1948 KS St Univ; PhD 1952 Univ of MN.
Fields: 014.
Prev Emp: Instr-Asst-Assoc Prof, KS St Univ, Manhattan KS 1946-59.
Pub: Vertical Coordination Hog Industry in Kansas, KS Agr Exp Sta 1975; Distribution Petroleum Products to Farms, KS Agr Exp Sta 1971.
Hon: Outstanding Educators of Am; Sigma Xi; Alpha Zeta; Phi Kappa Phi.

MAPP, Harry P., Jr., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Assoc Professor, OK St Univ (03) 07, 08.
b. 1939 Virginia; M-2.
BS 1962 VPI & St Univ; MS 1964 VPI & St Univ; PhD 1972 OK St Univ.
Fields: 011, 013, 039.
Prev Emp: Asst Prof, Cornell Univ 1971-74; Res Asst, OK St Univ 1967-71.
Pub: A Bio-Economic Simulation Analysis of Regulating Groundwater Irrigation, AJAE 1976; Simulation of Soil Water-Crop Yield Systems: The Potential for Economic Analysis, SJAE 1975; A Benefit-Burden Analysis of Public School Financing: The Impact on Rural vs Urban Taxpayers, AJAE 1974.
Mbr: SAEA; WAEA; NAEC.
Hon: Phi Kappa Phi.

MARASCO, Richard, National Marine and Fisheries Services, 3300 Whitehaven Street NW, Washington DC 20235; PH 202-634-7463.
Econ, Natl Marine & Fisheries Service (11) 07, 06.
b. 1943 Utah; M-2.
BS 1965, MS 1966 UT St Univ; PhD 1970 Univ of CA, Berkeley.
Fields: 024, 026, 025.
Prev Emp: Assoc Prof, Univ of MD 1974-75; Asst Prof, Univ of MD 1970-74; Post Grad Res Econ, Univ of CA, Berkeley 1968-69.
Pub: Food From the Sea: An Economic Perspective of the Seafood Market, AJAE Dec 1974; A Positive Spatial Equilibrium Model of Oyster Markets: A Simultaneous Equation Approach, MD Agr Exp Sta MP 873, 1975.
Mbr: AEA.

MARAVILLA, Jose L., MAG Depto Estadisticas, Agropec Blvd, Los Heroes 21 CP SS, El Salvador.
Auxiliar Tech, Ministry of Agr 15
b. 1950 El Salvador; Citz: El Salvador; U.
Agronomist, 1970 Natl School of Agr.
Fields: 081, 112, 073.
Lang: Spanish; Other: Eng 3-3-3.

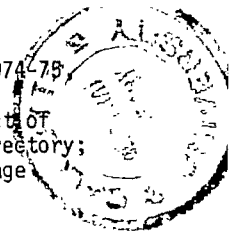
MARCH, Robert W., Dairy Div, AMS-USDA, Washington DC 20250; PH 202-447-4664.
Deputy Director, Dairy Division (21) 18, 06, 07.
b. 1917 Wisconsin. M-2.
PhD 1939 Univ of WI.
Fields: 017, 014.
Pub: Pricing Surplus Milk in Chicago Mkt, USDA 1949; Establishment of Central Market Butter Prices, USDA 1953; Short Time Changes in the Price of Butter, USDA 1957.

MARCUS, Raulee, Capital Plaza Tower, 7th Floor, Frankfort KY 40601; PH 502-564-6686.
Mktg Coordinator, Governors Council on Agr (40) 11.
b. 1947 Kentucky; U.
BA 1969 Bryn Mawr College.
Fields: 014, 017, 112.
Prev Emp: Intl Commerce Rep. KY Dept of Commerce, Frankfort 1975; Industrial Devl Rep. KY Dept of Commerce, Frankfort 1972-75.
Lang: Sp 1-1-1, Fr 1-2-1.

MARHATTA, Hari P., Dept of Economics, NC A&T St Univ, Greensboro NC 27411; PH 919-379-7744.
Instructor, NC A&T St Univ (03) 08, 23.
b. 1945 Nepal; Citz: Nepal; M.
BC 1964 Tribhuvan Univ; MS 1971 ND St Univ, PhD 1976 Univ of CT.
Fields: 014, 016, 101, 020.
Prev Emp: Grad Res Asst, Univ of CT 2-1/2 years; Grad Res Asst, ND St Univ, 1-1/2 years; Asst Officer, Agr Devl Bank, Nepal, 6 years.
Pub: Fundamentals of Nepalese Income Tax, Kathmandu, Nepal 1970.
Lang: Nepali; Other: Eng 1-1-1, Hindi 1-1-2.
Mbr: SAEA.
Hon: Gold Medal, Top Student in Intl School of Languages and B. Comm; Gamma Sigma Delta.

MARIAM, Berhanu G., William South 1211, Stillwater OK 74074; PH 405-372-6211. (23).
b. 1946 Ethiopia; Citz: Ethiopia; M-1.
BS 1972, H.I.V. College of Agr.
Fields: 071, 075, 035, 031.
Prev Emp: Proj. Supr, Mins of Agr, Ethiopia 1972-75.
Lang: Amharig; Eng 1-1-1.

MARINE, C. Lockwood, 1300 Ft Wayne Bank Bldg, Fort Wayne IN 46802; PH 219-422-8541.
Group Vice President, Central Soya Co (51) 12.
b. 1936 Tennessee; M-2.
BS 1958 Univ of TN; MS 1959 Univ of IL; PhD 1963 MI St Univ.
Fields: 014, 113.



Prev Emp: Mgr. Market Planning, Div Mobil Chem Co. 1964-67; Sr Market Anal, Pet Milk Co. 1963-64.
Pub: The Art of Purchasing, Feed Management 1974.
Mbr: AFMA, Mkt Res Comm Chrm. Purchasing Coun.
Hon: Who's Who in America.

MARION, Bruce W., Dept of Agr Econ, Univ of WI, Madison WI 53706; PH 608-263-6383.
Vstg Professor, Univ of WI (03) 07, 02.
b. 1932 New York; M-3.
BS 1954, MS 1955 Cornell Univ; PhD 1963 OH St Univ.
Fields: 101, 014, 102, 015.
Prev Emp: Assoc Prof, OH St Univ 1970-74; Vstg Res Fellow, Harvard Univ 1969-70; Asst Prof, OH St Univ 1963-67.
Pub: Market Performance: Concepts & Measures, USDA Agr Econ Report 1973; Dynamic Factors in Vertical Commodity Systems, OH Agr Exp Sta 1973; Coordination and Exchange in Agr Subsectors, NC 117, Univ of WI 1976.
Mbr: AEA; AEE.
Hon: Am Men & Women of Science; Who's Who in Midwest; Phi Kappa Phi; Outstanding Res Award Am Coun on Consumer Interests 1970; Outstanding Res Pub AAEA 1974.

MARION, Donald R., Dept of Food & Res Econ, Univ of MA, Amherst MA 01002; PH 413-545-2494.
Assoc Prof, Univ of MA (03) 08, 09, 07.
b. 1930 New York; M-3.
BS 1954, MS 1955 Cornell Univ; PhD 1971 Univ of MA.
Fields: 015, 014, 101, 062.
Prev Emp: Field Rep, Cornell Univ 1959-61; Mgr Trainee, Store Mgr, Southern States Coop, Maryland, 1957-59; 2nd Lt - 1st Lt U.S. Army OMC, 1955-57.
Pub: Food Retailing in Low Income Areas, Univ of MA 1974; Management Training for Low Income Area Food Store Operators, Univ of MA 1974; The Food Coop Potential, Jour of Consumer Affairs 1975.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: NAEC; FDRS.

MAROUSEK, Gerald E., Dept of Agr Econ, Univ of Idaho, Moscow ID 83843; PH 208-885-6262.
Professor, Univ of ID (03) 07, 08.
b. 1928 South Dakota; M-2.
BS 1951, MS 1954 SD St Univ; PhD 1960 OK St Univ.
Fields: 014, 031, 017, 088.
Prev Emp: Agr Econ, Stanford Institute, Ethiopia 1967-69; Asst & Assoc Prof, SD St Univ 1955-62.
Mbr: AAUP, Chap Pres 1969-70; VP 1974-75; St Conf Del 1972-73; WAEA.
Hon: Am Men & Women of Science; Dict of Intl Biography; Intl Scholars Directory; Gamma Sigma Delta; Chicago Exchange Fellow 1970.

MARQUEZ, Edgar R., Estacion Expt, ARAURE, Ciarco Edo Portuguesa, Venezuela.
Ingeniero Agronomo, Investigador II, 07 08, 11.
b. 1943 Venezuela; Citz: Venezuela; M-3.
Ing. 1970 U.C.V.; MC 1975 Chapingo.
Fields: 011, 014, 016, 062.
Pub: Evaluacion de la Inv en Invest Agricola: Caso Maiz y Sorgo en Mexico, Agrociencia 1976.
Lang: Spanish; Other: Eng 2-2-3.
Mbr: CIV; SVIA; AVICA.

MARSHALL, James P., Room 311, Hutcheson Hall, VPI & St Univ, Blacksburg VA 24061; PH 703-951-1848.
Prof & Ext Spec, VPI & St Univ (03) 09, 18.
b. 1922 Ohio; M-4.
BS 1947 Univ of KY; MA 1957, PhD 1961 MI St Univ.
Fields: 030, 017, 039.
Prev Emp: Assoc Dir Ext, Univ of MD 1964-67; Assoc Prof, Univ of MD 1961-64.
Pub: Use-Value Assessment: A Study Based on Landown County VA, VPI & St Univ 1970; Land Use Issues, VPI & St Univ 1974; Family Income Maintenance: Some Options in Southern Extension Public Affairs, NC St Univ 1970.
Mbr: SAEA.

MARSHALL, Joseph H., PO Box 2210, Atlanta GA 30301; PH 404-393-5270.
Vice President, Gold Kist Inc (52) 05, 15, 11.
b. 1936 Georgia. M-2.
BS 1957 Univ of GA; MS 1959, PhD 1963 Cornell Univ.
Fields: 090, 050, 010.
Prev Emp: Dir R&D Gold Kist Inc, Atlanta GA 1968-71; Dir of Res. Poultry Div, Gold Kist Inc, Atlanta GA 1963-68.
Mbr: AMA; IFT.

MARSHALL, Marsh S., Jr., 15 Campo Bello Road, Menlo Park CA 94025.

MARTI, Fred R., Georgetown ID; Dept of State, Washington DC 20520.
FRO307-Agr Econ, USAID (24)20, 18, 15.
b. 1920 Colorado; M-3.
BS 1943, MS 1951 OH St Univ; PhD 1954 Univ of FL.
Fields: 012, 011, 014, 118.
Prev Emp: FS/03/07 USAID, Accra, Ghana 1966-72; Dir, Intl Operations, Soybean Council of Am, Rome, Italy 1957-65; GS 12, Asst Agr Attache, USDA, Spain 1955-57.

Pub: Focus and Concentrate, Farm Management for W. Africa, Accra, Ghana 1970; Soya-The Miracle Crop, Rome, Italy 1960; Part Time Farming, Gainesville FL 1954.
Lang: Sp 1-3-2, Ita 2-3-2.
Mbr: CAES; IAAE; SID.
Hon: Natl Hon Soc for Agr, Fellowship, Univ of FL; Monetary Meritorious Serv Award, USAID; Gamma Sigma Delta.

MARTIN, Aurele, 19 Fontaineb, Touraine, Quebec, Canada JST 1G6.

MARTIN, Calvin L., USAID, Washington DC 20523; PH 20-235-8871.
Agr Mgmt Spec, AID (24) 03.
b. 1925 North Dakota; M-3.
BS 1950 ND St Univ; MS 1975 Syracuse Univ.
Fields: 073, 091, 118.
Prev Emp: Deputy Agr & Food Officer, AID, Afghanistan 1969-74.
Lang: Fr 2-0-2, Sp 2-0-2.

MARTIN, J. Rod, Dept of Agr Econ, Texas A&M Univ, College Station TX 77843; PH 713-845-6912.
Agr Econ, NEAD-ERS-USDA (16) 07.
b. 1929 Texas; M-2.
BS 1956, MS 1957 TX A&M Univ; PhD 1966 OK St Univ.
Fields: 011, 013, 076, 105.
Mbr: SAEA, Editor 1969-71, WAEA.

MARTIN, James C., UPO 702 Morehead St Univ, Morehead KY 40351; PH 606-783-3305.
Assoc Prof, Morehead St Univ (03) 08.
b. 1924 Kentucky; M-1.
BS 1951, MS 1961 Univ of KY; PhD 1969 Univ of MO.
Fields: 014, 011, 012, 013.
Prev Emp: Assoc Prof, Murray St Univ 1969-75; Asst Farm Adv, Univ of IL 1954-58; Agr Co Agt, Univ of KY 1953-54.
Pub: Two Decades of Missouri Dairy Ind, Columbia MO 1971; A Study of Dairy Firm Exits in Missouri, Dissertation 1969.
Lang: Ger 3-0-0, Fr 3-0-0.
Mbr: SAEA; KFM&RA.
Hon: Alpha Zeta.

MARTIN, Joe A., Dept of Agr Econ & Rural Soc, Univ of Tennessee, Knoxville TN 37919; PH 615-974-7231.
Prof & Head , Univ of TN (03) 02, 07, 08.
b. 1918 Georgia; M-4.
BS 1946, MS 1948 Clemson Univ; PhD 1955 Univ of MN.
Fields: 020, 070.
Prev Emp: Asst Prof, Univ of TN, Knoxville 1947; Assoc Prof, Univ of TN, Knoxville 1951; Prof, Univ of TN 1956.
Pub: Impact of Urban Industrial Development Upon Agriculture, JFE 1959.
Mbr: SAEA; AAAS.

MARTIN, John V., P O Box 9160, Madison WI 53713; PH 608-252-5317.
Agr Stat, USDA-SRS (22) 15, 14, 22.
b. 1946 Washington; U.
AA 1967 Shasta Jr College; BS 1972 CA Poly Inst, Pomona; MS 1974 Univ of NV Reno.
Fields: 024, 041, 081.
Prev Emp: Grad Res Asst, OR St Univ, Corvallis 1974-75; Res Assoc, Univ of NV 1974; Grad Fellow, Univ of NV 1972-74.
Pub: Economic Analysis of Feedlots-Nevada, Univ of NV Exp Sta, Feb 1975; Updating Procedures, Livestock Producers List for Nevada, MS-63 Div Agr & Res Econ, Univ of NV, Reno, Feb 1975.
Lang: Sp 3-0-3.
Mbr: NEC; WAEA.
Hon: Gamma Sigma Delta.

MARTIN, Larry J., Dept of Agr Econ, Univ of Guelph, Guelph, Ontario, Canada; PH 519-824-4120.
Asst Prof, Univ of Guelph (03) 07, 08, 09.
b. 1945 Missouri.
BS 1966, MS 1968 OH St Univ; PhD 1972 Univ of IL.
Fields: 014, 016, 017.
Prev Emp: Res Assoc, Ford Foundation, India 1969-71.
Pub: A Spatial and Temporal Model of N.A. Pork Sector, AJAE 1975; An Analysis of Structural Change in Ontario Feed Milling Sector, Univ of Guelph Res Bull 1975; Hedging Opportunities for Ontario Pork Producers, Univ of Guelph Res Bull. 1976.
Mbr: CAES,Councillor 1974-76.
Hon: Alpha Zeta; Gamma Sigma Delta.

MARTIN, Lee R., Dept of Agr & Applied Econ, Univ of Minnesota, St Paul MN 55101.

MARTIN, Loyd C., USDA-ERS-CED, Washington DC 20250; PH 202-447-8231.
USDA-ERS-CED (16) 06, 07.
b. 1920 South Carolina; M-2.
BS 1941 Clemson Univ; MS 1948 OH St Univ; 1960-61 NC St Univ.
Fields: 014, 015.
Prev Emp: Econ, Agr Mkt Service, Washington DC1953-63; Econ, Bur of Agr Econ, Washington DC 1948-53.
Mbr: SAEA.
Hon: Cert of Merit, ERS 1963 & 1975.

MARTIN, Marshall A., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-494-4407.
Asst Prof, Purdue Univ (03) 07, 08, 09.
b. 1943 Illinois; M-1.
BS 1966 IA St Univ; MS 1972, PhD 1976 Purdue Univ.

Fields: 076, 105, 017, 111.
Prev Emp: Grad Res Asst, Purdue Univ 1971-75; Dir & Prof, Inst Rural de Montero, Bolivia 1967-70.
Pub: The Income Distribution Impacts of the Adoption of Cotton in the U.S., MS Thesis Purdue Univ 1972; O Metodo de Minimos Quadrados de Bois Estagios: Seus Fundamentos Demanda e da Ofgerta de Ouos No Estado de Sao Paulo, Esalq-USP, Sao Paulo, Brazil 1975.
Lang: Sp 1-2-1, Por 1-2-1.
Mbr: AEA; IAAE, SBER.
Hon: MS Thesis Award AAEA 1973; Gamma Sigma Delta; Phi Kappa Phi.

MARTIN, Neil R. Jr., Dept of Agr Econ, Univ of Georgia, Athens GA 30601; PH 404-542-3571.
Agr Econ, CED-ERS-USDA (16) 07.
b. 1942 Alabama; M-3.
BS 1964, MS 1965 Auburn Univ; PhD 1974 Univ of IL.
Fields: 011, 016.
Prev Emp: Res Asst, Auburn Univ 1964-65.
Mbr: SAEA.
Hon: Phi Kappa Phi; Sigma Xi; Gamma Sigma Delta.

MARTIN, Philip L., Dept of Agr Econ, Univ of California, Davis CA 95616; PH 916-752-1530.
Asst Prof, Univ of CA, Davis (03) 08, 07.
b. 1949 USA.
MA 1973, PhD 1975 Univ of Wisconsin.
Fields: 120, 040, 070.
Pub: The Measurement of Net Social Returns to R&D Expenditures, Thesis 1975; Noneconomic Deters of Nonmigration, Rur. Sociology 1975.
Lang: Ger 1-1-1, Sp 2-2-2.
Mbr: AEA; IRRA.
Hon: Phi Beta Kappa; Fulbright Fellow.

MARTIN, William E., Dept of Agr Econ, Univ of Arizona, Tucson AZ 85704; PH 602-884-1794.
Professor, Univ of AZ (03) 07, 08.
b. 1933 California; M-6.
BS 1954 Univ of CA, Davis; PhD 1961 Univ of CA, Berkeley.
Fields: 020, 011, 040.
Prev Emp: Service Fellow, East-West Food Inst, Honolulu 1975; Honorary Res Assoc, Harvard Water Program 1967.
Pub: Water Supplies & Economic Growth, Univ AZ Press 1973; Farmers, Worker & Machines, Univ AZ Press 1965; Problems and Solutions in Demand for and Value of Outdoor Recreation, AJAE 1975.
Mbr: WAEA, V. Pres 1974-75, Pres. Elect 1975-76; RSA.
Hon: Phi Beta Kappa; AAEA Award Pub. Res. 1966 & 1974; WAEA Award for Pub Res, 1963, 1970 &1974.

MARTINEZ, Adolfo, Box 22368, LA St Univ, Baton Rouge LA 70803; PH 504-388-3284.
Res Assoc, LA St Univ (03) 14, 22, 07.
b. 1948 Colombia; Citz: Colombia; U.
BS 1970 Colombia; MS 1973, PhD 1975 LA St Univ.
Fields: 016, 081.
Lang: Spanish; Other: Eng 1-1-1, Fr 3-3-3.
Mbr: SAEA.
Hon: Gamma Sigma Delta.

MARUTANI, Herbert, 34 Rainbow Drive, Hilo HI 96720; PH 808-935-2804.
Assoc Spec in Farm Mgmt, Univ of HI (03) 09, 08.
b. 1931 Hawaii; M-2.
BBA 1949 Univ of HI; MA 1958 Univ of IL; PhD 1970 Univ of HI.
Fields: 012, 124, 091.
Prev Emp: Coord Agr Program, HI Comm College 1970-73; Adm Officer, Univ of HI 1969-70; Personnel Officer, Univ of HI 1967-69.
Lang: Jap 2-2-2, Sp 2-3-3.
Mbr: WAEA; IAAE; IRRA.

MARUYAMA, Yoshihiro, Dept of Agr Econ, Kyoto Univ, Kyoto 606 Japan; PH 075-751-2111.
Assoc Prof, Kyoto Univ (03) 08, 07, 06.
b. 1932 Japan; Citz: Japan; M-2.
BS 1955, MS 1957, PhD 1961 Hokkaido Univ.
Fields: 061, 011, 123, 082.
Prev Emp: Lecturer, Univ of Essex, 1969-70; Vstg Asst Prof, Univ of MA 1962-64; Asst Prof, Hokkaido Univ, Japan 1961-66.
Pub: A Behavioral Revolution of Agriculture, Intl Jour Agr Affairs 1975; A Note on Minimax Programming, Management Science 1975; Minimum Expected Return and Portfolio Analysis, Econometrica 1971.
Lang: Japanese; Other: Eng 1-1-1, Ger 2-3-3.
Mbr: AEA; ES; JATE.

MARX, Robert E., ERS-USDA, Demand & Comp Div, Washington DC 20250; PH 202-447-8966.
Agr Econ, ERS-USDA (16) 07, 06.
b. 1918 Kansas; M-2.
BS 1940, MS 1949 KS St Univ.
Fields: 018, 016, 012, 011.
Prev Emp: Agr Econ, For Agr Serv, Wash. DC 1956-60; Agr Econ, Rural Elect Adm, Wash. DC 1951-56; Agr Econ, Bur Agr Econ, Wash. DC 1942-51.
Pub: Hay Harvesting Methods and Costs, USDA 1951; Agr Policies in Africa & W. Asia, USDA 1968; The Agr Situation in Africa & W Asia, USDA 1975.
Mbr: IAAE.

MASON, Bert, Dept of Agr Econ, Warren Hall, Cornell Univ, Ithaca NY 14853; PH 607-256-2085.
Asst Professor, Cornell Univ (03) 07, 08, 09.
b. 1949; M.
AB 1971 Stanford Univ; PhD 1975 Univ of CA, Davis.
Fields: 039, 046, 120, 031.
Prev Emp: Grad Res Agr Econ. Univ of CA Davis 1974-75.

MASON, Judson P., Econ Div, Natl Milk Producers Fed., 30 F Street NW, Washington DC 20001.

MATEMU, Nemes J., Tobacco Authority of Tanzania, Box 306, Tobora, Tanzania, Africa.

MATHER, Loys L., Dept of Agr Economics, Univ of Kentucky, Lexington KY 40506; PH 606-257-2766.
Assoc Professor, Univ of KY (03) 07, 08, 09.
b. 1940; M-2.
BS 1962, MS 1964 Univ of NE; PhD 1968 Univ of WI.
Fields: 014, 015, 100, 050.
Prev Emp: Res Asst, Univ of WI, Madison 1964-68; Res Asst, Univ of NE, Lincoln, 1962-64.
Pub: Which Retail Food Services are Consumers Willing to do Without, AJAE 1975; Economics of Consumer Protection, Book 1971; Simulation Games in Teaching Agricultural Marketing, AJAE 1972.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: SAEA; AEA.

MATHESON, G. Alan, 2306 - 190 Smith Street, Winnipeg, Manitoba, Canada R3M 3H9; PH 204-985-2168.
Manitoba Coordinator, Agr Canada (26) 06, 20.
b. 1935; Canada; Citz: Canada; M.
BS 1959 Univ of Toronto; MS 1962 Univ of Manitoba.

MATHIA, Gene A., Dept of Econ &Business, NC St Univ, Raleigh NC 27607; PH 919-737-2619.
Professor, NC St Univ (03) 07, 09, 08.
b. 1935; M-6.
BS 1958, MS 1960 OK St Univ; PhD 1962 NC St Univ.
Fields: 014, 070, 050, 110.
Prev Emp: Vstg Prof, Lima, Peru 1964-71; Asst Prof, Univ OK St Univ, Stillwater, 1962-64.
Pub: Reservation & Market Demands, AAEA 1975; Truck Transportation in Peru, Annals Cientificos 1964; Consumer Characteristics of Potatoes, Am Potato Jour 1975.
Lang: Sp 2-2-2.
Mbr: SAEA.
Hon: Am Men & Women of Science.

MATHIS, Joseph C., 6567 Kinne Road, Syracuse NY 13214; PH 315-446-0730.
Economist, Eastern Milk Producers Coop (52) 18, 19, 22.
b. 1936; M-2.
BS 1958 Cornell Univ.
Fields: 016, 104, 102, 101.
Prev Emp: Dir Div Dairy Industry, NJ 1968-70; Econ Off of Milk Ind, NJ 1968; Agr Econ, Fed Milk Mkt Adm, CT 1960-68.
Pub: Regular Column in "Eastern Milk Producer", Syracuse NY 1970 to date.
Mbr: Natl Econ Club; NAEA; NJAS.

MATHIS, William K., 1088 McCarty Hall, Univ of Florida, Gainesville FL 32611; PH 904-392-1846.
Assoc Professor, Food & Res Econ Dept (03) 07, 02, 08.
b. 1936; M-3.
BS 1958 Texas Tech; MS 1967, PhD 1969, Texas A&M Univ.
Fields: 014, 016, 112, 101.
Prev Emp: Dir, Agr Mkt Res Center, Univ of FL, Gainesville 1975- --; Ext Econ FL Coop Ext Serv, Gainesville 1967-75; Asst Co Agr Ext Agt, TX Coop Ext Serv, Refugio TX 1962-65.
Pub: An Economic Simulation Model of the Cacao Industry of the Dominican Republic TX A&M Univ 1969; Growing Calves in Florida, FL Agr Exp Sta Bull. B761 1974; A Look at the Future Beef Industry Univ of FL 1973.
Lang: Sp 1-2-3.
Mbr: IAAE; SAEA.

MATSON, Arthur J., Dept of Bus & Econ, Yankton College, Yankton SD 57078; PH 605-665-3661.
Assoc Prof Econ, YanktonCollege (03) 08, 21, 20.
b. 1922; M-3.
BS 1947 SD St Univ; PhD 1964 IA St Univ.
Fields: 021, 025, 063, 131.
Prev Emp: Vstg Assoc Prof, Univ of MO, Columbia1969-70; Assoc Prof, SD St Univ, Brookings 1961-69; Instr, IA St Univ, Ames 1957-61.
Lang: Sp 3-0-3, Nor 3-0-3.
Mbr: SD & Am Soc of Farm Mgrs & Rur Appraisers; SD Soc Sci Assn.

MATSUMOTO, Masao, 2416 Quanticio Street, Arlington VA 22207.

MATSUDA, Yoshiaki, Dept of Agr Econ, Univ of Georgia, Athens GA 30602; PH 404-542-2481.
Grad Asst, Univ of GA (03) 23.
b. 1938 Japan; Citz: Japan; U.
BS 1966, MS 1968 Hokkaido Univ; MA 1973, PhD 1976 Univ of GA.
Fields: 024, 026, 073, 159.

Prev Emp: Asst Mgr, Gold Kist Inc, GA 1971, Res Asst, Skidaway Inst of Oceanography, GA 1969-70; Lecturer, Harkodat Vocational School for Cook, Japan 1965-67.
Pub: Interactions of Stocking Density and Water Turnover on Growth and Food Conversion of Channel Catfish Reared in Intensive Stocked Tank, The Progressive Fish Culturist, Oct 1971; The Influence of Various Culture Conditions on Oxygen Consumption of Channel Catfish, Am Fish Soc 1975; Evaluation of Beef Cattle Production in the GA Middle Coastal Plains, Univ of GA 1976.
Lang: Japanese; Other: Eng 2-2-2.
Mbr: AFA; ASIL.

MATTEUCCI, Aldo, Dept of Agr & Res Econ Univ of Maryland, College Park MD 20742.

MATTESON, Roger P., 581 Orchard Court, Des Plaines IL 60016.
Retired (22)
b. 1900; M-3.
BS 1923 Univ of WI; MS 1930 Univ of TN.
Fields: 084, 012.
Prev Emp: Agr Econ, BAE Div of Farm Mgmt, Washington DC 1934-43; Agr Stat, Statistical Reporting Services, Chicago IL 1943-70.
Lang: Tur 2-2-2, Fr 2-3-3.
Mbr: ASA.

MATTHES, Robert C., PO Box 13331, Louisville KY 40213.
Director, KY Fried Chicken Corp (51) 15, 14, 07.
b. 1938; M-2.
BS 1963, MS 1964 So IL Univ; PhD 1967.
Fields: 090, 080.
Prev Emp: Dir, Res Group, F.S. Services Inc., Bloomington IL 1968-71; Res Econ, USDA Purdue University 1965-67.
Pub: University Agribusiness Cooperation, AJAE 1971.
Mbr: ORSA-TIMS; ASM; AMA;
Hon: Natl Honor Soc; Alpha Zeta.

MATTHEWS, Jimmy L., Rm 2050 Main Treasury, 15th & Pennsylvania, Washington DC 20220; PH 203-964-3011.
Agr Econ, U.S. Dept of Treasury (26) 18, 15.
b. 1937; M.
BS 1959, MS 1960 Univ of MO; PhD 1966 Univ of CA.
Fields: 075, 016, 017, 081.
Prev Emp: Agr Econ, US Dept of Treasury, Washington DC 1974; Supr Agr Econ, USDA, Washington DC 1969-74; Agr Econ, USDA, Washington DC 1966-69.
Pub: A Supply Response Model Perennial Crops, AJAE 1971; An Economic Appraisal U.S. Tung Ec, SJAE 1970. A Management Decision Model for Surplus Commodities, Agr Econ Res 1973.
Mbr: WAEA; IAEA.
Hon: Alpha Zeta.

MATTHEWS, Joseph C., 4706 Western Blvd, Raleigh NC 27606.

MATTHEWS, Stephen F., 209 Mumford Hall, Dept of Agr Econ, Univ of Missouri, Columbia MO 65201; PH 314-882-4243.
Asst Professor, Univ of MO (03) 08, 07, 09.
b. 1947; M.
JD 1975 MO Law School; PhD 1974 Univ of MO, Columbia.
Fields: 101, 014, 026, 038.
Pub: The Use of Public Limited Partnership Financing in Agriculture for Income Tax Shelter, NC 117 Monograph 1975; Water Use Law and Policy, Irrigation Conference, Columbia MO 1975; Missouri Agricultural Law, Lucas Bros. Columbia MO 1976.
Lang: Sp 2-2-2.
Mbr: SAEA; ASFM&RA; MO Bar Assoc.

MATTOS, Zilda Paes de, 617 Stinchcomb Apt 6, Columbus OH 43202.

MATTOX, Bruce W., Mississippi-Alabama Sea Grant Consortium, PO Drawer AG, Ocean Springs MS 39564.

MATULICH, Scott C., Dept of Agr Econ, Univ of California, Davis CA 95616.

MATZEN, Edwin H.

Retired, Self-Employed (75) 26, 11, 27.
b. 1910; M-2.
BS 1933 IA St Univ; MS 1937, PhD 1939 Cornell Univ.
Fields: 159.
Prev Emp: Chf-Quota & Allotment Br, Sugar Div, ASCS USDA, Washington DC 1955-72; Dir Poultry Mktg Res Poultry Div, PMA USDA, Washington DC 1951-53; Assoc Prof, Univ of MO, Columbia 1945-48.
Pub: Livestock Marketing in NY State, Cornell Univ 1940; Monthly Outlook (Extension Services) Univ of MO 1945-58; Plan for Increasing Efficiency of Milk Assembly, Purdue Univ 1944.
Mbr: NEC, Millhoppers, Treas, Fossills.

MAUNGKAEW, Chuang, Northwest Agr Center, The Phra-Khon Kaen, Thailand.

MAWBY, Russell G., 400 North Ave, Battle Creek MI 49016; PH 616-965-1221.
President, W.K. Kellogg Foundation (70) 04.
b. 1928; M-3.
BS 1949 MI St Univ; MS 1951 Purdue Univ; PhD 1959 MI St Univ.
Fields: 070, 040.

Prev Emp: VP, W.K. Kellogg Found, Battle Creek MI 1966-70; Dir., Divof Agr, W.K. Found, Battle Creek MI 1965-67; Asst Dir, Ext Spec, Coop Ext Serv, MI St 1956-64.
Pub: Types and Sources of Information Used by Farmers, IA St Univ Press 1961; 4-H and YMW Clubs, Prentice Hall 1964.
Mbr: Adult Educ Assoc of USA.
Hon: Who's Who in Am; Leaders in Educ; Who's Who in the Midwest; Dir of Intl Biography; Dist. Eagle Scout Award; Epsilon Sigma Phi.

MAY, Donald J., 1150 17th Street NW, Suite 1001, Washington DC 20036.

MAY, Ralph D., Dept of Agr Econ & Rural Soc, Fayetteville AR 72701; PH 501-575-2256.
Asst Prof, Univ of AR (03) 07, 08.
b. 1945; M-1.
BS 1968, MS 1972 Univ of AR; PhD 1975 Purdue Univ.
Fields: 011, 083, 084.
Prev Emp: Res Instr 1972-75; Res Asst, 1972, Grad Asst 1970-72 Purdue Univ.
Pub: Economic Analysis of Selected Management Decisions on a Dairy Farm, MS Thesis, Univ of AR 1972; A Res Model of Guyana's Livestock Sector, PhD Thesis, Purdue Univ 1975.
Mbr: SAEA.
Hon: Alpha Gamma Rho; Gamma Sigma Delta; Alpha Zeta.

MAYER, Leo V., Library of Congress, Washington DC 20540; PH 202-426-6061.
Sr. Spec, Congressional Res Serv (78) 07, 15, 18.
b. 1936; M-2.
BS 1959, MS 1961 KSU; PhD 1967 IA St Univ.
Fields: 017, 011, 084, 156.
Prev Emp: Sr Spec, Congressional Res Service, Libr ofCongress 1974- --; Staff Econ, Coun of Econ Adv, Exec Off of President 72-74: Assoc Prof, Dept of Econ, IA St Univ, Ames 1970-72.
Pub: Public Policy Demands & Stat Measures of Agriculture, AJAE Dec 1974; Future Farm Programs, IA St Univ Press 1972; Net Costs of P.L. 480 Food Aid, AJAE 1972.
Mbr: AEA; NEC.

MAYER, Ralph E., PO Box 3440, Madison WI 53704; PH 608-241-1586.
Br Mgr, Prod Credit Assoc of Madison WI (01) 10, 05, 15.
b.1940; M-3.
BS 1961, MS 1965 Univ of WI.
Fields: 013, 094, 132, 012.
Prev Emp: Loan Off, Prod Cred Assoc, Madison WI 1971-73; Asst Prof, Univ Ext Univ of WI 1968-71; Instr Dept of Agr Econ, Univ of NE, Lincoln 1966-68.
Pub: An Analysis and Evaluation of Ten Years of Farm and Home Development, Univ of WI 1965; Evaluating the Unit Approach: FHD, Jour of Coop Ext 1967; Tips for Prospective Property Buyers in Oneida County, Wisconsin, Bull. WI 1971.
Lang: Sp 3-0-0, Ger 0-0-3.
Mbr: Sertoma Intl; Sgt-at-Arms 1974-76.
Hon: Personalities of the West & Midwest; Alpha Zeta; Gamma Sigma Delta.

MAYNARD, Cecil D., Ext Agr Econ, 513 Agr Hall, Stillwater OK 74074; PH 405-372-6211.
Ext Econ, OK St Univ (03) 09.
b. 1922; M-5.
BS 1946, MS 1958 OK St Univ.
Fields: 012.
Pub: Oklahoma Farm Corporation, OK St Univ 1975; Estate Planning, OK St Univ 1975; Farm Partnerships, OK St Univ 1971
Mbr: Blue Key.
Hon: Phi Kappa Phi; Alpha Zeta; Epsilon Sigma Phi; Superior Service Award.

MAYS, Charles K., 515 N Sycamore, Santa Ana CA 92701; PH 714-834-3727.
Assoc Adm Officer, County of Orange (40)
b. 1935; M-2.
BS 1957 Univ of CA, Davis; MS 1964 KS St Univ.
Fields: 091, 039, 032, 040.
Prev Emp: Adm, Orange Co Health Dept, Santa Ana CA 1974; Prog Coord County Adm Off, Santa Ana CA 1969-74; 4-H Farm Adv, Univ of CA, Agr Ext, Riverside CA 1964-69.
Mbr: WAEA; ASPA.

McALEXANDER, Robert H., 240 Agr Adm Bldg, PA St Univ, University Park PA 16802; PH 814-863-0249.
Coordinator of Intl Agr Prog, PA St Univ (03) 02.
b. 1922 Iowa; M-2.
BA 1943 St Teacher's College, NE; BS 1948 IA St College; MS 1953 OR St College; PhD 1956 IA St College.
Fields: 011, 012.
Prev Emp: Chf of Party, PA St Team, India 1971-72; Asst to Assoc Prof, PA St Univ 1956-68.
Pub: Linear Programming Techniques Applied to Agriculture, PA St Univ 1959; Econ of Layer Production, PA St Univ 1966; Estimating Supply Functions, JFE 1968.
Lang: Sp 2-3-3.
Mbr: AAAS; IAEA; Assoc of US Dir of Intl Agr Prog; Dir of Am Scholars; Am Men & Women of Science; Who's Who in the East.
Hon: Phi Kappa Phi; Gamma Sigma Delta; Phi Delta Kappa.

McALLISTER, Willard T., Dept of Agr & Food Econ, Univ of Delaware, Newark DE 19711; PH 302-738-2511.
Asst Dir Ext Serv, Univ of DE (03) 09, 02, 20.
b. 1920 Pennsylvania; M.
BS 1942, MS 1947 PA St Univ.
Fields: 012, 014, 017.
Prev Emp: Ext Econ, Univ of DE 1950-73; Vo Agr Instr, High School, Woodbury PA 1942-46.
Pub: Labor Management on the Farm, Univ of DE 1969.
Mbr: NAEC; NE-FM&RA.
Hon: Metal of Distinguished Serv; Delmarva Poultry Ind.

McALPINE, John D., Room 3506-S, FDD-ERS-USDA, 14th & Independence Avenue SW, Washington DC 20250; PH 202-447-5715.
Agr Econ, Foreign Devl Div-ERS (16) 06, 22.
b. 1931 Illinois; W-4.
BA 1953 Northwestern Univ.
Fields: 073, 014, 012.
Prev Emp: Res Econ, Foreign Dem & Comp Div, Washington DC 1966-72; Head-Non Immigration Visa Sect, Am Embassy, Kingston, Jamaica 1964-66; Econ Off, Am Embassy, Caracas, Venezuela 1962-64.
Pub: Latin America Has an Alternative Food Source, Washington DC 1975; Agriculture & Trade of Puerto Rico, Washington DC 1970.
Lang: Sp 1-1-3.

McARDLE, Richard C., ERS-USDA, Washington DC 20250.
Econ, USDA (16) 07, 15, 18.
Fields: 159, 018, 020.

McARTHUR, Wilmoth C., Dept of Agr Econ, Univ of Georgia, Athens GA 30602; PH 404-542-3571.
Agr Econ, ERS-USDA (16) 07.
b. 1917 Texas; M-5.
BS 1941 TX Tech; MS 1947 TX A&M; PhD NC St Univ.
Fields: 011, 017, 016.
Prev Emp: Grad Asst, NC St Univ, 1952-55; Asst Agr Econ, TX A&M, College Station 1947-52.
Pub: Supply Response Analysis of Cotton Program Alternatives, ERS 1971; Stat Decision Theory in a Macro Simulation Model: Feed Grain Sector, Agr Econ Research 1974.
Mbr: SAEA; GA-SFM&RA, Brd Mbr 1972.
Hon: Am Men & Women of Science; Who's Who In South & Southwest; Phi Kappa Phi; Gamma Sigma Delta.

McCALL, Michael K., Dept of Geography, PO Box 35049, Univ of Dar Es Salaam, Tanzania; PH 53611.
Lectr, Univ of Dar Es Salaam (03) 08, 07.
b. 1948 England; Citz: UK; M.
BS 1970 Univ of Bristol; MS 1971, ABD 1973 Northwestern Univ.
Fields: 037, 073, 010, 088.
Prev Emp: Grad Asst, Northwestern Univ, Evanston IL 1970-74.
Pub: Political Economy and Rural Transport, Antipode 1976; Two Techniques for Citizen Involvement in Facilities Planning, Chicago Board of Educ 1974.
Lang: Fr 2-2-3, Swahili 3-3-3.
Mbr: Assoc of Am Geographers; The Tanzania Soc.
Hon: Open Exhibition, St. Catherines College, Oxford 1967.

McCALLA, Alexander F., Dept of Agr Econ, Univ of California, Davis CA 95616; PH 916-752-1529.
Professor, Univ of CA (03) 08, 07.
b. 1937 Canada; Citz: Canada; M-3.
BS 1961, MA 1963 Univ of Alberta; PhD 1966 Univ of MN.
Fields: 017, 112, 071.
Prev Emp: Dean, College of Agr & Econ Sci, Univ of CA, Davis 1970-75.
Pub: A Duopoly Model of World Wheat Pricing, JFE 1966; Protectionism in International Agricultural Trade 1850-1968, Agricultural History 1969; Programming for Argentine Agricultural Price Policy Analysis, Rev of Econ & Statistics 1971.
Lang: Fr 3-0-0.
Mbr: AEA; CAES; CEA.
Hon: Who's Who in America.

McCALLA, Frank, 5504 North Biltmore, Peoria IL 61614.

McCAMLEY, Francis P., 200 Mumford Hall, Dept of Agr Econ, Univ of Missouri, Columbia MO 65201; PH 314-882-4427.
Assoc Prof, Univ of MO (03) 07, 08.
b. 1940 Nebraska; U.
BS 1961 Univ of NE; PhD 1967 IA St Univ.
Fields: 035, 081.
Prev Emp: Asst Prof, Univ of MO 1970-74; Asst Prof, Univ of OK 1967-70.
Pub: A Method for Estimating the Sampling Variances of Multipliers Derived from a From-To Model, Annals of Regional Science 1973; Testing for Spatially Autocorrelated Disturbances with Application to Relations Estimated Using Missouri County Data, Regional Science Perspectives 1973.
Mbr: Econometric Soc; RSA; ASA.

McCANDLESS, Barbara J., State of SD, 1100 E. Church, Pierre SD 57501; PH 605-224-8900.
Asst to the Sec, Commerce & Consumer Affairs Dept, SD St Govt (40) 06, 07, 18.
b. 1931 Kansas; M.

BS 1953 KS St Univ; MS 1959 Cornell Univ; 1962-66 Univ of MN; 1971-72 Univ of CA Berkeley.
Fields: 050, 053, 051, 052.
Prev Emp: Assoc Prof, Family Econ & Dept Head, College of Home Econ, SD St Univ 1967-73; Asst Prof, Consumer Mktg Spec, Ext Serv, OR St Univ 1959-62.
Pub: Provisional Models for Developing an Undergraduate Economics Program, A Mono on Curricular Development, Jr. Author, July 1975; A Study of Professional & Occupational Licensing Boards and Commissions in South Dakota for Fiscal Year 1975, Dept of Commerce & Consumer Affairs, January 1976; Expenditures for Meat, Poultry and Fish by Upper Income Families in the Twin Cities, MN Farm Bus. Notes #486, Univ of MN 1966.
Lang: Fr 3-0-0.
Mbr: AMA; ACCI; NCOL, Dir 1974-75, VP 1975- --; AHEA.
Hon: Who's Who in Am; Who's Who in the Midwest; Who's Who of Am Women; Pi Gamma Mu.

McCARL, Bruce A., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-494-4400.
Asst Prof, Purdue Univ (03) 07, 08.
b. 1948 Maryland; M-1.
BS 1970 Univ of CO; PhD 1973 PA St Univ.
Fields: 084, 011, 092, 075.
Prev Emp: Res & Tchg Asst, PA St Univ, 1970-72.
Pub: Impact of Man on the World Nitrogen Cycle, Jour of Env Mgmt 1975; An Approach to the Solution of Geometric Programs, Mathematical Programming 1975; Purdue Farm Planning Model: Administrators Guide, Purdue Agr Exp Sta 1976.
Mbr: Mgmt Sci; Decision Sci; Math Prog.

McCLELLAND, Edward L., Station "K", Dallas TX 75222; PH 214-651-6372.
Sr Econ, Fed Resv Bank of Dallas (36) 01, 07.
b. 1936 USA; M-1.
BS 1958 Purdue Univ; MBA 1965, PhD 1969 Univ of FL.
Fields: 091, 062, 084, 016.
Pub: Optimal Allocation of Generic Advertising Budgets, AJAE 1971.
Lang: Sp 2-2-2.
Mbr: AEA; SAEA.

McCLISH, Gale A., Engineered Systems Div, 328 Brokaw Road, Santa Clara CA 95052; PH 408-289-2411.
Systems Proj Eng, FMC Corp (51) 15, 10, 19.
b. 1931 California; M-3.
BS 1954, MS 1960 Univ of CA, Davis; 1965 Univ of MI.
Fields: 011, 073, 093, 084.
Prev Emp: Cons, Consultants Pacifica, Honolulu HI 1972; Agr Mktg Spec, State of HI, Honolulu 1967; Ind Eng, C. Brewer & Co, Hilo HI 1962.
Lang: Sp 3-3-3.
Mbr: ORSA.

McCLURE, Thomas A., 505 King Avenue, Columbus OH 43201; PH 614-424-6424.
Agr Econ, Battelle Columbus Labs (51) 07, 15, 11.
b. 1942 Ohio; M-1.
BS 1964, MS 1965, PhD 1972 OH St Univ.
Fields: 014, 016, 011, 105.
Pub: An Economic Analysis of Retail Fertilizer Plants in the Midwestern U.S. PhD Dissertation, OH St Univ 1972.
Lang: Sp 3-0-0.

McCONNELL, Kenneth E., Dept of Res Econ, Univ of Rhode Island, Kingston RI 02881; PH 401-792-2472.
Asst Prof, Res Econ, Univ of RI (03) 07, 08.
b. 1941 New York.
BA 1964, MA 1966 Univ of FL; PhD 1973 Univ of MD.
Fields: 020, 025, 026, 080.
Prev Emp: Instr, Econ Dept, Univ of MD, College Park 1972; Res Asst, Bur of Bus & Econ Res, Univ of MD 1971-72.
Pub: Some Problems in Estimating Demand for Recreation, AJAE 1975; Estimating Net Benefits of Recreation Under Excess Demand, Jour of Env Econ & Mgmt 1976.
Lang: Sp 1-2-3.
Mbr: AEA.

McCORKLE, Chester O. Jr., 714 Univ Hall, 2200 University Avenue, Univ of CA, Berkeley CA 94720; PH 415-642-5426.
V. President, Univ of CA (03) 02, 27.
b. 1925 California; M-3.
BS 1947, MS 1948, PhD 1952 Univ of CA.
Fields: 011, 012, 026, 018.
Prev Emp: Dean, Univ of CA, Davis 1969-70; Vice Chancellor, Academic Affairs, Univ of CA, Davis 1964-69; Spec Asst to the Chancellor, Univ of CA 1963.
Mbr: AAAS; AAUP; AFEA & WFEA, Past Pres.
Hon: Who's Who in America.

McCORKLE, Robert Ellsworth, CA Polytechnic St Univ, San Luis Obispo CA 93407; PH 805-546-2025.
Assoc Prof, Ca Poly St Univ (03) 08, 21, 22.
b. 1938 California; M-2.
BS 1960 CA Poly, SLO; MS Agr Econ 1962 Univ of CA, Davis; 1966 Univ of OR; 1969 70 Univ of WI.
Fields: 012, 090, 070, 110.
Prev Emp: Dir of Intl Prog, CA Poly St Uni 1971-74; Chf Farm Mgmt Off, Mins of Agr, Lusaka, Zambia 1967-69.

Pub: Minimum Resources Guide for Farming, Dept of Agr, Lusaka, Zambia, 1967; Muchila Settlement Scheme, Dept of Agr, Lusaka, Zambia 1968; Crop and Livestock Enterprises by Dist Farming in Zambia, Lusaka, Zambia 1969.
Mbr: WAEA; CA Young Farmers; Cabrilla Home Owners Assoc.
Hon: Who;s Who in Am Colleges & Univ; Hon Lifetime Mbr CA Poly Assoc Student Body Inc; Alpha Zeta; Blue Key Natl.

McCORMICK, Francis B., 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-7911.
Prof & Assoc Chrmn, OH St Univ, (03) 08, 02, 24.
b. 1916 Ohio; M.
BS 1939, MS 1947, PhD 1953 OH St Univ.
Fields: 017, 018.
Prev Emp: Co Supr, Farm Sec Adm, USDA, New Lexington OH 1943.
Pub: Price and Income Trends, OH Agr Res and Devl Center 1966.
Mbr: FMA; AEA; ICAE.
Hon: Who's Who in the Midwest; Am Men & Women of Science; Who's Who in Finance & Ind.

McCOY, John H., Dept of Econ, Waters Hall, KS St Univ, Manhattan KS 66506; PH 913-532-6705.
Professor, KS St Univ (03) 07, 08.
b. 1912 Kansas; M-4.
BS 1940, MS 1942 KS St Univ; PhD 1955 Univ of WI.
Fields: 014, 017, 073.
Prev Emp: Agr Econ, US Dept of Interior, OR 1946-47.
Pub: Livestock and Meat Marketing, VAI Publishing Co, Westport CT 1972.
Mbr: Assoc for Soc Sci.
Hon: Sigma Xi.

McDANIEL, Wm Earl, College of Agr Sci, Univ of Delaware, Newark DE 19711; PH 302-738-2501.
Dean & Dir of Agr Exp Station, Univ of DE (03) 02, 07, 09.
b. 1915 California; M-2.
BS 1942 Univ of MO; MS 1943 Univ of IL; PhD 1951 Univ of MN.
Fields: 011, 030, 040, 020.
Prev Emp: Chrm, Dept of Agr Econ, Univ of DE 1957-65; Dir Res Instr, Univ of DE 1962-65; Instr, Dept of Agr Econ, Univ of MN St Paul 1948-51.
Pub: Hay Drying Costs and Returns, DE Agr Exp Sta 1960; Irrigation in Delaware, DE Agr Exp Station 1960; The People of Delaware, DE Agr Exp Station 1960.
Mbr: AAAS; ASFM&RA.
Hon: Who's Who in Am; Am Men & Women of Science.

McDERMOTT, James K., AID-TA/AGR, U.S. Dept of State, Washington DC 20523; PH 202-632-7926.
Assoc Dir, Off Agr Tech Asst Bureau AID (26) 06, 18, 22.
b. 1922 Missouri; M-5.
BS 1947 Univ of MO; MS 1949, PhD 1958 Univ of WI.
Fields: 105, 018, 118, 155.
Prev Emp: Dep Dir Res, AID, Washington DC 1970-74; Rur Devl Off, USAID, Bogota, Columbia, 1967-70; Prof Agr Econ, Purdue Univ, 1955-67.
Pub: Strategies in Technical Assistance, NC St Univ Exp Sta 1968; Extension Institutions in Blase, Melvin Inst in Econ Devl, IA St Press 1971; Role of Tech Asst in Inst Devl, Inst Devl, El Salvador Mins Agr 1971.
Lang: Sp 1-2-2, Por 1-2-2.
Hon: Prof "Honoris Cause" Univ Rural do Estado de Minas Gerais, Vicosa, Brazil.

McDONALD, Hugh J., University Station, Fargo ND 58102; PH 701-237-7393.
Ext Econ, ND St Univ (03) 09.
b. 1932 Kansas; M-3.
BS 1955, MS 1961 KS St Univ; PhD 1969 OH St Univ.
Fields: 014, 018, 110.
Prev Emp: Res Assoc, OH St, 1966-69; Ext Econ, KS St Univ, Manhattan 1960-66.
Pub: A Linear Programming Model to Optimize the Transfer Cost & Facility Requirements for U.S. Grain Exports, OH St Univ 1969.
Lang: Sp 2-0-0.
Hon: Gamma Sigma Delta.

McDONALD, Margaret F., Dept of Agr Econ, OH St Univ, Columbus OH 43210.
Assoc Prof Emeritus, OH St Univ (76) 03, 17.
b. 1909 Ohio; U.
AB 1929, MS 1941 OH St Univ; 1948 (6 mos) USDA Grad School; 1956 (3 months) 1959 (3 months) OH St Univ.
Fields: 017, 018, 031, 080.
Prev Emp: Instructor, OH St Univ 1942-46; Asst Prof, OH St Univ 1946-58; Asst Prof OH St Univ 1958-73.
Pub: Ohio Farm Prices Index Calculation, OH St Univ 1941; Ohio Agriculture, OH St Univ 1948 (Revised1953-56); Econogram Weekly, OH St Univ 1953, 1958-64, 1973.

McDONALD, Russell F., 1120 Connecticut Ave NW, Washington DC 20036; PH 202-254-7446.
Agr Econ, Commodity Futures Trading Comm, (36) 07, 06, 15.
b. 1928 Ohio; M-2.
Phd 1959 OH St Univ.
Fields: 014, 016, 081, 066.

McDONALD, Vincent R., 13319 Foxhall Drive, Wheaton MD 20902.

McDOWELL, Frank H., PO Box 1287, Decatur GA 30032; PH 404-981-7890.
Mgr-Div, Diarymen Inc (52) 10, 11, 15.
b. 1919 North Carolina; M-2.
BS 1947, MS 1951 NC St Univ.
Fields: 014, 015, 019.
Prev Emp: Mgr, GA Milk Prod Corp Assn, Decatur GA 1968-70; Asst Mgr, SE Milk Sales , Bristol VA 1964-68; Mgr, Carolina Milk Prod Assoc, Greensboro NC 1949-64.
Lang: Ger 3-0-3.
Mbr: ADSA; AFAM.

McDOWELL, Frank H., Jr. 82 Oak Forest Trailer Park, Blacksburg VA 24060.

McDOWELL, George R., Dept of Food & Resource Econ, Univ of MA, Amherst MA 01002; PH 413-545-2496.
Asst Prof, Univ of MA (03) 09, 07.
b. 1938 Canada; Citz: USA; M-2.
BS 1961 Univ of RI; MS 1963 Cornell Univ; PhD 1975 MI St Univ.
Fields: 032, 031, 041, 073.
Prev Emp: Agr Devl Spec, US Peace Corp, Malaysia 1968-71; Agr Devl Spec, US Peace Corp, Kenya 1965-68; Vol., Intl Vol Serv, Vietnam 1963-65.
Pub: Whose Preferences Count? MI St Univ 1975; Issues in Trade & Development, ADC/New York 1973; Cost Account Records as Source of Agronomic Data, Cornell Univ 1963.
Lang: Swahili 0-0-3; Malay-Indonesian 0-0-3.
Mbr: AEA; AFEE.

McELROY, Robert C., New Dept of Labor Bldg C3315, 200 Constitution Avenue NW, Washington DC 20210; PH 202-523-8509.
Supr Econ, US Dept of Labor (14) 07, 06.
b. 1919 Virginia; M-1.

McELROY, Robert G., Jr., Russell Res Center, PO Box 5677, Athens GA 30604; PH 404-546-3308.
Agr Econ, USDA-ERS-NEAD (16) 07, 22.
b. 1945 Pennsylvania; M.
BSBA 1970, MSA 1973 Univ of FL.
Fields: 011, 085, 026, 105.
Prev Emp: Res Econ, Univ of FL 1974; Fin Anal, Colombian Coffee Growers Fed, Bogota, Colombia 1970.
Pub: Competitive Position of Greenhouse Vegetables, TVA Workshop Proceedings 1975; Input-Output Analysis as a Tool for Regional Development Planning FL AES Bull 1976.
Lang: Sp 1-1-1, Ger 2-3-2.
Mbr: SAEA, ISTA.

McELVEEN, Jackson V., EDD-ERS-USDA, Dept of Agr Econ & Rural Soc, Clemson Univ, Clemson SC 29631; PH 803-656-2396.
Agr Econ, (16) EDD-ERS-USDA (16) 07.
b. 1922 South Carolina; M-4.
BS 1946, MS 1947 Clemson Univ; 1950-55 USDA Grad School.
Fields: 070, 040, 011, 034.
Prev Emp: Agr Econ, BAE & FPED-ERS, Wash. DC 1950-62; Agr Econ, Bureau of Census, Washington DC 1948-50.
Pub: Profile of the Rural Poor, AER No. 202, GPO Washington DC 1971; Farm Numbers, Farm Size, Farm Income, AJAE 1963; Family Farms in a Changing Economy, AIB No. 171, GPO, Washington DC 1957.
Lang: Ita 3-3-2.
Mbr: SAEA.

McFARLAND, James W., Q-10 MS571, Los Alamos Sci Lab, Los Alamos NM 87545; PH 505-667-6441.
Staff Mbr, Los Alamos Sci Laboratory (03) 07.
b. 1945 Texas; M-3.
BA 1967, PhD 1971 TX A&M Univ.
Fields: 021, 081, 026, 062.
Prev Emp: Asst Prof, Univ of RI, Kingston RI 1973-75; Asst Prof, Univ of SW LA, Lafayette LA 1971-73; Econ, Natl Water Comm, Arlington VA 1971.
Pub: Groundwater Management and Salinity Control in New Mexico, AJAE 1975; Groundwater Management and Salanity Control, Water Res Research 1974; Energy Commodities and Natural Res. Exploitation, SEJ 1975.
Lang: Fr 3-3-3, Rus 3-3-3.
Mbr: AEA; ASA.

McFATTER, Boyd Shelton, Box 404 Nahunta GA 31553.

McGAUGHEY, Stephen E., Rm 467-A, 808 17th Street NW, Washington DC 20577; PH 202-634-8430.
Econ, Inter Am Devl Bank (67) 18, 22.
b. 1940 Missouri; M.
AB 1962 SW MO St Univ; MS 1965, PhD 1969 IA St Univ.
Fields: 077, 033, 017, 073.
Prev Emp: Asst Prof, IA St Univ, Lima, Peru 1972; Asst Prof, Georgetown Univ, Washington DC 1969-71; Res Assoc, IA Univ Mission, Lima, Peru 1966-69.
Pub: Project Selection and Macroeconomic Objective, AJAE 1972; Evaluation Financieca y Economica de Proyectos, Mins of Agriculture, Lima, Peru 1972.
Lang: Sp 1-1-1.
Mbr: AEA.

McGRANN James M., Dept of Econ, IA St Univ, Ames IA 50011; PH 515-294-3000.
Ext Econ, IA St Univ (03) 09, 07.
b. 1942 Washington; M-2.
BS 1964, MA 1968 WA St Univ; PhD 1973 TX A&M Univ.
Fields: 012, 011, 013, 118.
Prev Emp: Asst Prof, TX A&M Univ, Uruguay & Texas 1973-76; Res Assoc, TX A & M Univ, Argentina 1968-70.
Pub: Economic Analysis of the Traditional and Improved Livestock Production System in the Basa (the area of Uruguay) Mins of Agr, Uruguay 1974; Wheat in Uruguay: Determinants of the Sectors Performance 1950-73, Mins of Agr Uruguay 1975; Potential for Increasing Beef Production in Argentina, TX Agr Exp Sta 1973.
Lang: Sp 3-1-3.
Mbr: IA-SFM&RA; IAAE; SAEA.

McGREGOR, Marvin D., Assoc Econ, Bank of America, PO Box 37000, San Francisco CA 94137.

McGREGOR, Russell C., Suite 710, One Dupont Circle, Washington DC 20036; PH 202-293-7120.
Dir Govt Relations, NH Assoc St Univ, Land Grant College (06) 18, 04, 27.
b. 1926 Connecticut; M-2.
1944-47 Univ of CT; BSF 1951 Univ of MI; MF 1952 Yale Univ; PhD 1968 Univ of MI.
Fields: 026, 017, 118, 136.
Prev Emp: Asst to V. Pres, Univ of CA, Berkeley CA 1969-74; Budget Examiner, US Bureau of the Budget, Washington DC 1959-69; Res Forester, US Forest Service, Juneau, Alaska 1955-59.
Pub: Are Performance Budgets Desirable for State and Local Government? The Commonwealth Club of California.
Mbr: SAF; Am Soc for Public Adm.
Hon: Am Men & Women of Science.

McHUGH, Helen F., CO St Univ, Gifford Home Econ Bldg, Ft Collins CO 80523; PH 303-491-6331.
Prof & Dean, College of Home Econ (03) 02, 18.
b. 1931 Arizona; U.
BS 1958, MS 1959 Univ of MO; PhD 1965 IA St Univ.
Fields: 061, 054.
Prev Emp: Prof & Dean, College of Home Econ, Univ of DE 1973-75; Assoc Prof & Head, Home Mgmt Dept, OR St Univ, 1969-73.
Pub: Impact of Econ Change on W. Virginia Families, WV Ext 1975; The Myth of Consumer Justice, Univ of DE 1974; Current Econ Situation & General Outlook for Families, USDA & Family Econ Review 1976.
Lang: Ger 2-3-2.
Mbr: AHEA, Sec Chrmn, Board of Dir; AEA; ACR Ed Board.
Hon: Citation-Meritorious Serv in Chosen Profession, Univ of MO, Home Econ Alumni.

McINERNEY, John P., Dept of Agr Econ, Univ of Manchester, Manchester, England M139PL; PH 061-273-6888.
Sr. Lecturer, Univ of Manchester (03) 08, 07, 02.
b. 1939 England; Citz: UK; M-2.
BS 1960 London Univ; Dip Agr Econ 1961 Oxford Univ; PhD 1964 IA St Univ.
Fields: 020, 073, 062, 105.
Prev Emp: Asst Lectr-Lectr, London Univ, Wye College, England 1964-67.
Lang: Fr 1-2-2.
Mbr: CAES; IAAE; AES-UK Exec Mbr 1968-71, 1975- --.
Hon: Who's Who in Educ; Dir of British Academies; Gamma Sigma Delta; Phi Kappa Phi.

McINTOSH, Kenneth D., Div of Res Mgmt, College of Agr & Forestry, WV Univ, Morgantown WV 26506; PH 304-293-4829.
Prof Div Dir, WV Univ (03) 02, 07, 08.
b. 1930 North Carolina; M-2.
BS 1956 Univ of TN; MS 1957, PhD 1966 Univ of WI.
Fields: 014, 038, 017, 026.
Mbr: NAEC, Pres. 1974-75; Natl Econ Club.
Hon: Phi Kappa Phi; K Knapp Fellow; Alpha Zeta.

McKEE, Dean E., John Deere Road, Moline IL 61265; PH 309-792-4757.
Dir, Mkt Econ, Deere & Co (51) 07, 15.
b. 1930 North Dakota; M-2.
BS 1952 ND Agr College; MS 1953, PhD 1955 IA St Univ.
Fields: 018, 016.
Prev Emp: Chf, Prod Res Branch, USDA-ERS, Washington DC 1963-66; N. Reg Anal, USDA-FPED, Washington DC 1962-63.
Mbr: ASA; NABE; CBE.

McKEE, Donald J., 1873-31 Shoshone Drive, Lafayette IN 47905; PH 317-474-5730.
Rev Appraiser, IN St Highway Comm (40) 06.
b. 1945 Arkansas; M.
BS 1969, MS 1971 Purdue Univ.
Fields: 038, 022, 031, 035.
Mbr: IN-SFM&RA; Am Real Estate & Urban Econ Assoc.

McKEE, Vernon C., 2022 McCarty Hall, Univ of FL, Gainesville FL 32611; PH 904-392-1347.
Assoc Prof, Univ of FL (03) 02, 18, 19.
b. 1931 Kansas; M-3.
BS 1956, MS 1957 KS St Univ; PhD 1966 IA St Univ.
Fields: 020, 035, 083.

Prev Emp: Sr Anal, USDA, Washington DC 1967-69; Anal, USDA, Washington DC 1965-67.
Mbr: SAEA; SPEBSQSA; Gator Exchange Club President 1973-74.

McKEON, John, An Foras Forbartha, St Martins HS Waterloo Rd, Dublin, Ireland.
Res Off, An Foras Forbartha (06) 07.
b. 1943 Ireland; Citz: Ireland; M-1.
BAS 1968 UCD, Dublin; MA 1974, PhD 1975 MI St Univ, E. Lansing.
Fields: 017, 112, 016.

McKILLOP, William L., Dept of Forestry, Univ of California, Berkeley CA 94720; PH 415-642-0469.
Professor, Univ of CA (03) 07, 08.
b. 1933 Scotland; Citz: USA; M-4.
BS 1954 Univ of Aberdeen; MS 1959 Univ of New Brunswick; PhD 1965, MA 1965 Univ of CA.
Fields: 023, 081, 026.
Prev Emp: Forest Econ, Govt of Canada, Ottawa 1958-61.
Pub: Supply & Demand for Forest Products, Hilgardia Univ of CA 1967; Econometric Model of Market for Redwood Lumber, Forest Science 1969; Structural Analysis of Japanese-North American Trade in Forest Products, Forest Sci. 1973.
Lang: Fr 1-1-1, Sp 1-2-2.
Mbr: AEA; SAF.
Hon: Who's Who in Am; Am Men & Women of Science.

McKINSEY, James W. Jr., Dept of Econ, Yale Univ, New Haven CT 06520; PH 203-436-2462.
Instr, Yale Univ (03) 08, 23.
b. 1949 Missouri; U.
BA 1971 Yale College; MA 1973, M Phil 1975 Yale Univ.
Fields: 070, 047, 101, 066.
Pub: Energy Resources & Agriculture, Univ of MO 1975.
Mbr: AEA.

McKINSEY, James Wendell, 2-69 Agr Bldg, Columbia MO 65201; PH 314-882-7667.
Prof & Asst Dean, Univ of MO (03) 02, 08, 22.
b. 1917 Missouri; M-3.
BS 1941, MA 1949 Univ of MO; 1952 Univ of Chicago.
Fields: 014, 061, 017.
Prev Emp: Chf of Party, Univ of MO, Orissa, India 1964-69; Asst & Assoc Prof, Univ of MO, Columbia MO 1949-58.
Mbr: Assoc of US Univ Dir of Intl Agr Prog, Pres. 1975-76.
Hon: Dir of Am Scholars; Leaders in Educ.

McKUSICK, Robert B., USDA-ERS-NRED, 500 SW 12th Street, Washington DC 20250; PH 202-447-8750.
Prog Ldr, USDA-ERS-NRED (16) 07, 19, 22.
b. 1943 North Carolina; M-2.
AA 1963 Sacto City College; BS 1965, MS 1968, PhD 1973 Univ of CA, Davis.
Fields: 021, 016, 081, 084.
Prev Emp: CA-ERS River Basin Ldr, USDA-ERS-NRED, Davis 1970-75; CA-ERS Type 1 Study Rep, USDA-ERS-NRED, Davis 1968-69.
Pub: The Development of a Plan of Study, Water Resources Bull, 1973; A Regional Approach, Water Resources Bull 1972.
Lang: Sp 2-2-2.
Mbr: WAEA; AWRA.

McLEAN, Edward L., Barre Hall, Dept of Agr Econ, Clemson Univ, Clemson SC 29631 PH 803-656-3374.
Professor, Clemson Univ (03) 07, 08, 09.
b. 1934 Wisconsin; M-2.
BS 1961, MS 1964 Univ of WI; PhD 1968 IS St Univ.
Fields: 047, 031, 038, 155.
Prev Emp: Asst Prof, TX A&M Univ, 1967-70; Instr, IA St Univ 1965-66; Res. Anal, St of WA, Olympia 1962-64.
Pub: Freeway Effects of Neighborhoods, Highways Research Record, 1971; New Communities & Population Redistribution Urban & Social Change Review 1971; Entrepreneural Decision-Making, Farm Business Perspectives 1970.
Lang: Fr 2-0-0.
Mbr: RSS; ASA; Pop Assoc of Am.
Hon: Dir of Am Scholars; Am Men & Women of Science.

McLEMORE, Dan L., 211 Barre Hall, Dept of Agr Econ, Clemson Univ, Clemson SC 29631; PH 803-656-3091.
Asst Prof, Agr Econ, Clemson Univ, Clemson SC (03) 09.
b. 1944 Georgia; M-2.
BA 1966 Presbyterian College; MS 1969, PhD 1971 Clemson Univ.
Fields: 031, 038, 032, 062.
Prev Emp: Assoc Ext Spec, Clemson Univ, 1971-72; Econ Data Anal, Clemson Univ 1970.
Pub: Establishing Rural Fire Protection, Clemson Univ 1974; Fiber Quality Char of South Carolina Cotton, Clemson Univ 1972; Wholesale Demand Functions for Fresh Peaches, Clemson Univ 1972.
Mbr: SAEA; SCDA.
Hon: Gamma Sigma Delta; NDEA Fellow 1966-69; Omicron Delta Epsilon.

McMANUS, Benny R., Dept of Agr Econ & Rur Soc, Univ of TN, PO Box 1071, Knoxville TN 37901; PH 615-974-7231.
Assoc Prof, Univ of TN (03) 07, 08.
b. 1936 Alabama; M-2.
BS 1958, MS 1963 Auburn Univ; PhD 1971 Purdue Univ.
Fields: 013, 017.
Prev Emp: Asst Prof, Univ of Tn, Knoxville 1970-71; Asst Prof, Auburn Univ AL 1964; Cpt, U.S. Army 1966.

Pub: Credit Reserves for Midwestern Farmers, Dissertation, Purdue Univ 1971.
Lang: Fr 2-0-0.
Mbr: SAEA; TN-SFM&RA, Sec Tres 1971-76.
Hon: Sigma Xi; Phi Kappa Phi; Gamma Sigma Delta.

McMARTIN, Wallace, Dept of Agr Econ, ND St Univ, Fargo ND 58102; PH 701-237-7577.
Agr Econ, ERS-USDA (16) 07.
b. 1910 Minnesota; M-2.
BS 1936 Univ of MN; MS 1939 Univ of IL.
Fields: 021, 027, 026.
Prev Emp: Mkt Res Mgr, AVCO-New Idea, Coldwater OH 1953-66; Econ, U.S. Dept of Interior, 1946-53.
Pub: Irrigation Practices & Costs, ND Agr Exp Sta Bull. 474 1968; Economics of Level Bench Systems, USDA Cons Res Rpt #14 1970; Economics of Shelterbelt Influence, Jour Soil & Water Cons, 1974.
Mbr: WAEA.

McMILLAN, Kenneth G., Box 96, Bushnell IL 61422.

McMILLAN, Melville L., Dept of Econ, Tory Bldg, Univ of Alberta, Edmonton, Alberta Canada T6G2H4; PH 403-432-4936.
Assoc Prof, Univ of Alberta (03) 08, 07.
b. 1943 Canada; Citz: Canada; M-2.
BA 1964, MS 1967 Univ of Alberta; PhD 1973 Cornell Univ.
Fields: 060, 130, 030, 020.
Prev Emp: Asst Prof, Univ of WI, Madison 1973-75.
Pub: Towards the More Optimal Provision of Local Public Goods, Public Finance Quarterly 1975; Open Space Preservation in Developing Areas, Land Economics 1974; Economic Rules for Planners: A Reconsideration, Urban Studies 1975.
Lang: Fr 3-3-3.
Mbr: AEA; CEA; Public Choice Soc.

McMILLAN, Wendell M., World Bank Team, Natl Plng Commission, PO Box 2092, Khartoum, Sudan.
Agr Adv, World Bank (66) 22.
b. 1923 Pennsylvania; M-3.
BS 1948 Juniata College; MS 1950, PhD 1954 PA St Univ.
Fields: 070, 118, 014.
Prev Emp: Agr Econ, World Bank, West Indies, 1972-74; Proj Mgr/Mktg Adv, UN/FAO, Middle East 1964-72; Agr Econ to Asst Dir, USDA-FCS, Washington DC 1955-64.
Lang: Fr 2-3-3, Arabic 3-3-2.
Mbr: SID.
Hon: Am Men & Women of Science; Outstanding Performance Award (USDA); Pi Gamma Mu; Fulbright Award-Denmark.

McMURTRY, Gene, Room 213, Stockbridge Hall, Univ of Massachusetts, Amherst MA 01002.

McNABB, Coy G., Dept of Agr Econ, Univ of MO, Columbia MO 65201; PH 314-882-7359.
Prof & Ext Econ, Univ of MO (03) 09.
b. 1917 Missouri; M-2.
BS 1941 Univ of AR; MS 1953 Univ of MO; PhD 1964 OH St Univ.
Fields: 016, 021, 031.
Prev Emp: Co Agt, Ext Serv, MO 1946-53; 1st Lt, US Army, India 1942-46.
Pub: Missouri Agricultural Inventory by Drainage Basin, Univ of MO 1974; Policy Issues for Missouri Agriculture, Univ of MO 1974; Public Policy Aspects of Animal Waste Disposal, Univ of MO 1972.
Lang: Sp 3-0-0.
Hon: Gamma Sigma Delta; Epsilon Sigma Phi, Pres. 1967-68; CAST.

McNEELY, John Gordon, Dept of Agr Econ, TX A & M Univ, College Station TX 77843; PH 713-845-2333.
Prof, TX A&M Univ (03) 07, 08.
b. 1912 South Dakota; M-3.
BS 1933, MS 1934 SD St Univ; 1934-35 OH St Univ; PhD 1941 Univ of WI.
Fields: 026, 110, 014.
Prev Emp: Econ, Ford Foundation, Poona, India 1958-59; Econ, ERS-USDA 1939-47.
Mbr: WAEA; SAEA; RSA.

McNEELY, John G., Jr. Div of Agr & Res Econ, Univ of Nevada, Reno NV 89507; PH 702-784-6701.
Assoc Prof, Univ of NV-Reno (03) 07, 09, 08.
b. 1938 Arkansas; M-2.
BS 1962 TX A&M Univ; MS 1963 NM St Univ; PhD 1969 OK St Univ.
Fields: 025, 021, 038, 031.
Prev Emp: Econ Staff Ldr, BLM, Denver CO 1973; Grad Res Asst, OK St Univ 1963-67; Grad Res Asst, NM St Univ 1962-63.
Pub: Water Relater Recreation in Nevada-Present & Future, Carson City NV 1973; Forecasts for the Future-Agriculture, Carson City NV 1974; The Development & Application of Methodology to Determine Marine Fuel Taxes Paid by Nevada Boaters, NV Agr Exp Sta 1972.
Lang: Sp 3-0-0.
Mbr: WAEA; NV Park & Rec Assoc.
Hon: Who's Who in Am; Leaders in Educ; Am Men & Women of Science.

McPHERSON, William K., Route 2, Box 330, Gainesville FL 32601; PH 904-376-7671.
Prof Emeritus, Retired, 18, 23.
b. 1904 Iowa; M-3.
BS 1925 Parsons College; MS 1939 IA St U.
Fields: 021, 022, 014, 017.
Prev Emp: Prof, Univ of FL 1951-72; Chf, Ind Econ Br, TVA, Knoxville 1944-50; Dep Reg Dir, War Food Adm, Atlanta, 1942-44.
Pub: Manual for Computer Formulation of Livestock Feed Mixtures, McPherson Publishers, Gainesville FL 1972; How Well Do Auctions Discover the Price of Cattle, JFG 1966.
Mbr: AEA.
Hon: Gamma Sigma Delta; Am Men & Women of Science.

McPHERSON, Woodrow W., 1167 McCarty Hall, Dept of Food & Res Econ, Univ of FL, Gainesville FL 32611; PH 904-392-1877.
Grad Res Prof, Univ of FL (03) 08, 07, 02.
b. 1917 North Carolina; M-2.
BS 1938 NC St Univ; MS 1940 LA St Univ; PhD 1950 Harvard Univ.
Fields: 076, 077, 110, 060.
Prev Emp: Asst Dir Res, United Fruit Co Honduras 1959-62; Prof NC St Univ 1949-59; Adv. Harvard Univ, Ford Found. Karachi 1955-57.
Pub: Distinctive Features Agr Devl in Trops, Agr Devl & Econ Growth, Cornell Univ Press 1967; Editor of Econ Devl Tropical Agr, Univ of FL Press 1968; Role of Agr Trade in Econ Devl, JFE 1966.
Lang: Sp 2-0-0.
Mbr: AEA; IAAE; SAEA.
Hon: Ldrs in Am Sci; Am Men & Women of Science; Who's Who in South & Southwest; Sigma Xi; Phi Kappa Phi; Gamma Sigma Delta.

MEADE, Norman F., Deep Water Ports Office, NOAA, DX8 Page Bldg #2, Washington DC 20235; PH 202-634-7380.
Staff Econ, U.S. Dept of Commerce (11) 07, 18.
b. 1948; U.
BS 1974 Univ of RI; MS 1976 U of MD.
Fields: 026, 035, 064, 062.
Prev Emp: Econ US Env Protection Agency, Washington DC 1974-75; Res Asst, Univ of RI, Kingston, 1972-74.
Pub: The Economic Value of Estuaries to U.S. Commercial Fisheries, Coastal Zone Mgmt Journal 1976; The Effect of the Advalorem Property Tax on Timber Resource Allocation, Agri-Econ, Univ of MD 1976.
Lang: Fr 2-2-2.
Mbr: AEA.
Hon: Omicron Delta Epsilon; Natl Econ Hon Soc.

MEALE, Eric R., Dept of Water Resource, Statehouse, Boise ID 83720; PH 208-384-2215.
Water Res Econ, State of Idaho (40) 15, 18, 07.
b. 1951; M.
BS 1973 College of ID; MS 1975 UT St Univ.
Fields: 020, 075, 080, 094.
Prev Emp: Res Assoc, UT St Univ, 1973-74; Hygrologic Aid, ID Water Res Board, Boise ID 1973; Forestry Aid, USFS, Elko NV 1972.
Pub: Consumer Surplus & Economic Rent Estimates on Recreation Value: An Empirical and Theoretical Comparison, UT St Univ 1974; Economic Value of Water-Oriented Recreation Quality, UT St Univ 1975; A Study for Water Devl & Water Distr System Improvement of Malad Valley Oneida County ID, 1975.
Mbr: Pacific NW River Basins, Comm. Econ Studies.
Hon: Wall Street Jour; Student Achievemen Award.

MEBRAHTOU, Mesfin, Agro Industrial Bank, P O Box 1900, Addis Ababa, Ethiopia.

MEEK, John J., RR #5, Orangeville, Ontario, Canada L9W 272.

MEEKER, Brice K., USDA, Foreign Agr Serv, Washington DC 20250; PH 212-447-7233.
Asst Adm Analysis, Foreign Agr Serv, USDA (18) 11, 18, 17.
b. 1922; M-2.
BS 1948 Univ of MO; MS 1950 Purdue Univ; PhD 1953 Purdue Univ.
Fields: 110, 016, 050.
Prev Emp: Asst Adm Foreign Comm Anal, For Agr Serv, Washington DC 1973- --; Agr Attache, FAS, Hague, Netherlands 1967-73, Moscow USSR 1964-67.
Lang: Fr 3-0-0, Rus 3-0-3.
Hon: Sigma Xi; Alpha Zeta; Superior Serv Award, USDA.

MEENEN, Henry J., Dept of Agr Econ & Rural Soc, Fayetteville AR 72701; PH 501-575-2256.
Prof & Head of Dept, Univ of AR (03) 02, 07, 08.
b. 1919; M-2.
BS 1940; MS 1943 KS St Univ; PhD 1959 Univ of MO.
Fields: 013, 020.
Prev Emp: Instr, Univ of MO, Columbia 1946-49; Coop Agent, KS St Univ, Manhattan 1940-42.
Pub: Estate Planning, AR Agr Exp Sta 1972; Emerging Role of Outdoor Recreation, AR Agr Exp Sta 1972; Guides to Successful Marketing, ARS-USDA 1970.
Mbr: SAEA President 1975.
Hon: Who's Who in America; Am Men & Women of Science.

MEHN, James W., Economic Planning Div, Mins of Agr, Monrovia, Liberia.

MEILKE, Karl D., Dept of Agr Econ, Univ of Guelph, Guelph, Ontario, Canada; PH 519-824-4120.
Asst Prof, Univ of Guelph (03) 07, 08.
b. 1946; M-2.
BS 1968 WA St Univ; PhD 1973 Univ of MN.
Fields: 016, 017, 018.
Prev Emp: Res Asst, Univ of MN, St. Paul, 1968-73.
Pub: The Demand for Feed by Formula Feed Man., Agr Econ Res 1974; An Aggregate U.S. Feed Grain Model, Agr Econ Res, 1975; North American Hog Supply, CJAE 1975.
Mbr: AEA; CAES.

MEISNER, Joseph C., 200 Mumford Hall, Dept of Agr Econ, Univ of Missouri, Columbia MO 65201; PH 314-882-3417.
Asst Prof, Univ of MO (03) 09, 07, 08.
b. 1928; M.
BS 1950 St Louis Univ; MA 1968 WA Univ; PhD 1974 Univ of MO.
Fields: 017, 013, 101, 042.
Prev Emp: Instr, St Louis Comm College, St Louis MO 1968-70; Res Assoc, Natl Inst of Health, St Louis MO 1966-68; Prof of Soc, Duchesne College, Omaha NE 1963-64.
Pub: Feedlot Economies of Size Revisited, CJAE 1975; The Role of Financial Leverage in Altering Industrial Structure in Agriculture, Jour of Econ 1976.
Lang: Fr 2-0-0.
Mbr: AEA; CAES; MO Valley Econ Assn, Sec Tr. 1973-74.

MEISTER, Anton D., Dept of Agr Econ & Farm Mgmt, Palmerston, North New Zealand.
Sr Lecturer, Massey Univ (03) 08, 07.
b. 1944; Citz: New Zealand; M-1.
BS 1969, MS 1971, Canterbury Univ (New Zealand); PhD 1975 IA St Univ.
Fields: 020, 011, 082.
Prev Emp: Staff Econ, IA St Univ 1973-75; Lecturer, Canterbury Univ, Lincoln 1970-71.
Lang: Dutch; Other: Fr 2-2-2, Ger 2-2-2.
Mbr: Soil Conservation Soc of America.
Hon: Phi Kappa Phi; Gamma Sigma Delta.

MELICHAR, Emanuel O., Washington DC 20551; PH 202-452-2534.
Sr. Econ, Board of Governors of the Federal Reserve System (33) 07.
b. 1932; M-5.
BS 1955 Univ of IL; PhD 1961 Univ of CT.
Fields: 013, 130, 081, 083.
Prev Emp: Econ, Fed Res Bank of Richmond, VA 1959-62; Instr, Univ of CT, Storrs, 1958-59.
Pub: Financing Agriculture: Demand for and Supply of Farm Capital and Credit, AJAE 1973; Impact of Banking Structure on Farm Lending, Improved Fund Availability at Rural Banks, Fed Res Bd 1975; Agricultural Finance & Capital Markets-A Review of Literature Since World War II, Surveys of Agr Econ Literature, Univ of MN Press 1976.
Lang: Czech 2-3-2, Sp 3-3-0.
Mbr: AEA.
Hon: Phi Eta Sigma; Gamma Sigma Delta; Artus.

MELLOR, John W., Dept of State, Washington DC 20523; PH 202-632-8382.
Chief Econ, Agency for Intl Devl (24) 18, 07, 06.
b. 1928; France; Citz: USA; M-3.
BS 1950, MS 1951, PhD 1954 Cornell Univ.
Fields: 073, 076, 017.
Prev Emp: Dir, Prog on Comparative Econ Devl; Prof Dept of Agr Econ, Assoc Prof, Dept of Agr Econ & Dept of Asian Studies 1958-65, 1976.
Pub: The New Economics of Growth: A Strategy for India and the Developing World, Cornell Univ Press 1976; Developing Rural India: Plan and Practice, Cornell Univ Press 1968; The Economics of Agricultural Development, Cornell Univ Press 1966.
Lang: Fr 2-3-3; Hindi 3-3-2.
Mbr: AEA.
Hon: Am Men & Women of Science; Who's Who in the East.

MELO, Fernando Homen de, Rua Cardoso de Almeida 1156, 94B, 05013, Sap Paulo SP Brazil.

MELTON, Bryan E., Rural Devl (CARD) East Hall, IA St Univ, Ames IA 50011; PH 294-1337.
Res Asst, Center for Agr & Rural Devl (03) 07, 23.
b. 1950; U.
BS 1973 CO St Univ.
Fields: 011, 013, 083, 081.
Prev Emp: Finance Mgr, Speidel Newspapers Inc., Fremont NE 1973-74.
Mbr: ASAS.

MENEGAY, Merle R., AVRDC, PO Box 42, Shanhua, Tainan 741 Taiwan; PH 064-37131.
Res Assoc, Asian Veg Res & Devl Center (67) 07, 20, 08.
b. 1943; M-1.
MS 1973 Univ of TN.
Fields: 014, 105, 011, 012.
Prev Emp: Peace Corps Volunteer, India 1968-70.
Pub: Socio Economic Factors Affecting Cropping Systems for Selected Taiwan Farmers, IRRI 1975; Communication Patterns of 100 Tennessee Farm Supply Dealers, Univ of TN 1973.
Lang: Ger 2-3-2, Kannada 3-3-1.
Mbr: SAEA.
Hon: Gamma Sigma Delta.

MENKHAUS, Dale J., Div of Agr Econ, Univ of Wyoming, Laramie WY 82071; PH 307-766-5128.
Asst Prof, Univ of WY (03) 07, 08.
b. 1945; M-2.
BS 1967, PhD 1973 Purdue Univ, MS 1970 MSU.
Fields: 016, 014.
Prev Emp: Res Asst, Purdue Univ 1969-73; Instr, Purdue Univ, Westville IN 1970; Res Asst, MSU, E. Lansing MI 1967-69.

Pub: Analysis of Univ Faculty Salaries, NACTA Journal 1975; Factor Affecting Feeder Cattle Prices, WAEA Proceedings 1975; Effects of Environmental Legislation on the Structure of the Pesticide Industry, Thesis, Purdue Univ 1973.
Mbr: WAEA; SAEA.
Hon: Alpha Zeta; Gamma Sigma Delta; Sigma Xi.

MENNEM, Gary M., Ext Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Asst Professor, OK St Univ (03) 09,07.
b. 1944; M-2.
BS 1966; MS 1969 OK St Univ; PhD 1974 KS St Univ.
Fields: 014, 018, 019.
Prev Emp: Research Asst, KS St Univ, Manhattan 1971-74; Econ, Devl Planning & Res Assoc Inc, Manhattan KS 1968-71.
Mbr: SAEA.

MENZ, Kenneth M., Dept of Agr, Univ of Queensland, St Lucia, Old 4067 Australia; PH 371-6614.
Lecturer, Univ of Queensland (03) 08, 07.
b. 1945 Australia; Citz: Australia; M-1.
BS 1967 Sydney Univ; MS 1969, PhD 1974 Univ of MN.
Fields: 012, 093, 011.
Pub: Screening for Photosynthetic Efficiency, Crop Science 1969; The Impact of Mobile Processing Plants on the Production and Distribution of Frozen Peas, Univ of MN 1975.
Mbr: AAES; AFMS.

MENZIE, Elmer L., School of Agr Econ & Ext Educ, Univ of Guelph, Guelph, Ontario, Canada N1G2W1; PH 519-824-4120.
Prof & Dir, Univ of Guelph (03) 02, 08, 07.
b. 1923; Canada; Citz: USA; M-2.
BS 1952, MS 1955 Univ of British Columbia; PhD 1961 Univ of CA, Berkeley.
Fields: 017, 014, 073.
Prev Emp: Prof, Univ of AZ, Tucson 1961-75; Asst Prof, MT St Univ, Bozeman 1960-61.
Pub: Policy for U.S. Agr Export Surplus Disposal, Univ of AZ 1962; Special U.S. Restrictions on Imports of Agr Products, JFE, 1963; The Economics of Cattle Feeding Industry in Arizona, Univ of AZ 1973.
Lang: Por 2-3-2, Sp 2-0-0.
Mbr: CAES; IAEA; WAEA.

MERCER, Lloyd J., Dept of Economics, Univ of California, Santa Barbara CA 93106; PH 805-961-2895.
Assoc Professor, Univ of CA (03) 07, 08, 02.
b. 1936; M-2.
BS 1958, MA 1959 WA St Univ; PhD 1967 Univ of WA.
Fields: 068, 033, 076.
Prev Emp: Asst Prof, Univ of CA, Santa Barbara 1966-72.
Pub: Rates of Return for Land Grant Railroads: The Central Pacific System, Jour of Econ History 1970; The American Automobile Industry: Investment Demand, Capacity & Capacity Utilization, 1921-1940, Jour of Political Economy 1972; Evaluation of a Probability Approach to Uncertainty in Benefit-Cost Analysis CA Water Res Center, Contribution #149, 1975.
Lang: Sp 3-0-0, Ger 3-0-0.
Mbr: AEA; EHA; AAUP.

MEREDITH, Alan A., Dept of Agr Econ, Cook College, Rutgers Univ, New Brunswick NJ 08903; PH 201-932-9160.
Res Professor, Rutgers Univ (03) 07. 08, 09.
b. 1925; M-3.
BS 1950, MS 1952 Rutgers Univ.
Fields: 014, 015.
Prev Emp: Market Analyst, Quaker Oats, NJ 1952-54.
Mbr: AMA; NAEC.

MERRILL, William C., East Hall Annex, IA St Univ, Ames IA 50011; PH 202-632-9525.
Professor, IA St Univ (03) 18, 07, 06.
b. 1934; M-2.
BS 1959 IA St Univ; MS 1963 Univ of CA, Berkeley; PhD 1964 Univ of CA, Berkeley
Fields: 073, 014, 102, 062.
Prev Emp: Assoc, Univ of CA, Berkeley, 1962-64.
Pub: Introduction to Economic Statistics, J. Wiley & Sons 1970; Guatemala's Economic Development, IA St Univ Press 1970; Panama's Economic Development, IA St Univ Press 1974.
Lang: Sp 1-3-2.
Mbr: AEA.

METZ, Joseph F. Jr., Roberts Hall, Cornel Univ, Ithaca NY 14853; PH 607-256-5429
Prof Mktg, Assoc Dir of Planning Facilities, Cornell Univ (03) 02.
b.1924; W-2.
BS 1950, MS 1952 Univ of VT; PhD 1956 Cornell Univ.
Fields: 014, 091, 013, 030.
Mbr: IAE; AAAS.

METZGER, Carl J., 1725 K Street NW, Washington DC 20006; PH 202-872- 8782.
President, Multinational Agribusiness (51 10, 18, 17.
b. 1931; M-1.
BS 1955 Union College.
Fields: 090, 014, 015, 087.
Prev Emp: Dir Mktg Res, Kaiser Chemicals Oakland CA 1966-70; Mgr, Mobil Chemical Richmond VA 1965-66.
Pub: Selecting & Evaluating Agribus. Opportunities in Less Developed Countries, Conf Proceedings AMA 1967.

Lang: Fr 2-3-3, Sp 3-3-2.
Mbr: AMA, Chairman Agr Comm 1966; Inst of Food Tech.

METZGER, Homer B., 207 Winslow Hall, Univ of Maine, Orono ME 04473; PH 207-827-7427.
Professor, Univ of ME (03) 07, 08.
b. 1917; M-1.
BS 1939, MS 1948, PhD 1950 PA St Univ.
Fields: 014, 015, 011, 072.
Prev Emp: Principal Econ, Coop St Res Service, USDA, Washington DC 1971-72; Head, Dept of Agr & Res Econ, Univ of ME, Orono 1964-72.
Pub: Small Farms-Their Resources & Incomes, Univ of ME 1975; Marketing Vegetables Through Roadside Stands, Univ of ME 1974; Organizing Dairy Farms for Maximum Income, Univ of ME 1969.
Lang: Netherlands 3-0-0.
Mbr: NAEC; AAUP.
Hon: Am Men & Women of Science.

MEYER, Neil L., AS 25, Univ of Idaho, Moscow ID 83843; PH 208-885-6262.
Asst Professor, Univ of ID (03) 09, 18, 07.
b. 1940; M-6.
BS 1964 Univ of MN, St Paul; MS 1969 Univ of FL, Gainesville; PhD 1974, Univ of WI, Madison.
Fields: 031, 020, 040, 030.
Prev Emp: Asst Prof, Univ of MN, Marshall 1973-75; Proj Director, US Peace Corps, Philippines 1970-71; Res Asst Univ of WI, Madison 1971-74.
Pub: Interregional Impacts of Alternative Water Policies for Irrigation in Western United States, Water Res Center, Univ of WI 1974.
Lang: Sp 1-1-1, Ger 2-3-3.
Mbr: CDS, Mbr Educ Comm.

MEYER, Richard L., Dept of Agr Econ, 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-2641.
Assoc Professor, OH St Univ (03) 08, 07.
b. 1937; M-2.
BS 1959 Univ of MN; MS 1966, PhD 1970 Cornell Univ.
Fields: 073, 013, 017, 022.
Prev Emp: Res Adv USAID/Brazilian, Bra. 1972-73; Grad Teaching Asst, Cornell Univ 1966-67; Volunteer Liaison Officer, Peace Corps, Washington DC 1964-65.
Pub: Farm Growth in Brazil, OH St Univ 1975; Impacts of Brazilian Wheat Program on Resource and Tech Use, Brazil 1976; Credito Agricola, Brazil, Revista Brasileira de Economia, 1974.
Lang: Por 1-2-1, Sp 1-3-2.
Mbr: AEA.
Hon: Fellowship, Foreign Area Program, Metzger Award, Am Inst of Coop.

MEYERS, Paul J., 240 W. Adm Bldg, USDA, Washington DC 20250; PH 202-447-3175.
Agr Econ, USDA-ASCS (23) 19.
b. 1948; M.
BS 1970, MS 1971 Univ of MN.
Fields: 012, 017, 011.
Prev Emp: Grad Asst, PA St Univ, University Park PA 1971-74; Grad Asst, Univ of MN, St Paul 1970-71.
Hon: Gamma Sigma Delta.

MEYERS, William H., 322 Class Office Bldg, Univ of Minnesota, St Paul MN 55108; PH 612-376-3560.
Res Asst, Univ of MN (03) 23, 07.
b. 1941; M.
BA 1963 Goshen College; MS 1972 Univ of Philippines.
Fields: 016, 081, 017, 112.
Prev Emp: Res Fellow, Intl Rice Res Inst, Los Banos, Philippines, 1971-72; Spec Represnt, Intl Voluntary Serv, Indonesia 1968; Team Leader, Reg 4 Intl Voluntary Service, South Vietnam 1966-67.
Pub: Labor Absorbtion in Philippine Agriculture, Development Centre Studies, OECD 1972.
Lang: Tagalog 3-3-2, Vietnamese 3-3-2.
Mbr: AEA; SID.

MEZA, Josto O., 14 deMayo 267, San Lorenzo, Paraguay.

MICHALOPOULOS, George J., IERA Odos 75, Athens 301 Greece; PH 021-346-5162.
Professor, College of Agr of Athens (03) 08, 07.
b. 1926 Greece; Citz: Greece; M-2.
BS 1951 College of Agr of Athens; MS 1967 Cornell Univ, Doctrate 1970 College of Agr of Athens.
Fields: 017, 016, 011.
Prev Emp: General Director, Natl Tobacco Board, Athens, 1975.
Pub: The Demand for Some Types of Greek Exportable Tobacco, Athens, Greece 1969; Introduction to Agricultural Economics, Athens Greece 1976.
Lang: Greek; Other: Eng 1-1-1, Fr 1-2-3.
Mbr: AGE.

MICHALSON, Edgar L., Dept of Agr Econ, Univ of Idaho, Moscow ID 83843; PH 208-885-6262.
Professor, Univ of ID (03) 07, 08.
b. 1929 Oregon; M-3.
BS 1956 OR St Univ; MS 1959, PhD 1963 PA St Univ.
Fields: 021, 025, 026, 011.
Prev Emp: Agr Econ, ERS, Pullman, WA 1963-69; Res Assoc PA St Univ 1962-63.

Pub: Economic Impact of Mt Pine Beetle, SJAE Dec 1975; Method for Evaluating Wild Rivers, Water Res Bull. Dec 1975; Impact of Weather on Net Income, Agr Econ Res 1969.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: AEA; AWRA; WAEA.
Hon: Who's Who in America; Intl Who's Who; Am Men & Women of Science.

MIELKE, Myles J., 500 12th Street SW, Rm 304, Washington DC 20250; PH 202-447-8133.
Economist, USDA-ERS-FDCD (16) 07.
b. 1942 Wisconsin; M-1.
BA 1965 Marquette Univ; MA 1972 Univ of TX.
Fields: 018, 016.
Prev Emp: Analyst, Forecasting Intl Ltd, Rosslyn VA 1972; Math Instr, United Technical Inst, WI 1968-69; Peace Corps Bolivia 1965-67.
Lang: Sp 1-2-1.

MIGHELL, Ronald L., 1210 Noyes Drive, Silver Springs MD 20910.
Retired (occasional contract work for ERS) (16)
b. 1902 Iowa; M-3.
BS 1925 IA St Univ; MS 1926 Univ of MN; PhD Harvard Univ 1950.
Fields: 011, 012, 016.
Prev Emp: Br Chief, USDA-ERS, Washington DC 1970-72; Leader, Pioneering Group, USDA-ERS 1960-65; Leader, Interregional Comp. Section, USDA-ERS 1940-50.
Pub: Interregional Competition in Agriculture, Harvard U Press 1951; American Agriculture, Its Structure and Place in the Economy, Wiley, New York 1955; Vertical Coordination in Agriculture, USDA, Agr Econ Rpt #19, 1963.
Lang: Ger 2-3-3, Fr 2-3-3.
Mbr: AEA; IAAE.
Hon: USDA Superior Service Award 1964.

MIKES, Richard J., Ruan Transport & Leasing, 3100 Ruan Center, Des Moines IA 50309; PH 515-245-2559.
Asst. Controller, Ruan Transport & Leasing (51) 06, 17, 19.
b. 1941 USA; M-1.
BS 1964, MS 1965, PhD 1971 IA St Univ.
Fields: 090, 094, 019, 035.
Prev Emp: Asst Prof, Univ of GA 1971-75; Res Assoc, IA St Univ 1969-71; Mgmt Spec, IA St Univ 1966-71.
Pub: Managing Rural Change, Univ of GA 1975; Feasibility Studies and Rural Development, Northcentral Regional R.D. Center 1976; Structural Adjustments in the Grain Industry, IA St Univ 1972.
Mbr: AEA; NAFC; FDRS.
Hon: Gamma Sigma Delta; Omicron Delta Epsilon.

MIKESELL, James J., EDD-ERS-USDA, Washington DC 20250; PH 202-447-8914.
Economist, ERS-USDA (16) 07, 19.
b. 1942 Iowa; M.
BS 1964, MS 1967, PhD 1969 IA St Univ.
Fields: 034, 030, 060, 040.
Prev Emp: Instr, IA St Univ, 1967-69; Consultant, Model Cities Agency 1968-69.
Pub: Mobile Homes: An Important Factor in Rural Housing, JAF 1973; Selected Characteristics of Open Country Mobile Homes, USDA Aer No. 203, 1971; A Model Determining Optimal Paths for Individual Investments in Education, With Application to Metal Workers, Dissertation 1969.
Mbr: AEA; SEA.
Hon: Am Men & Women of Science.

MILLER, Arthur H., PO Box 32287, San Antonio TX 78284; PH 512-341-8651.
Economist, Associated Milk Producers Inc. (52) 07, 22, 27.
b. 1915 Montana; M-2.
BS 1947, MS 1949, PhD 1955, Univ of WI.
Fields: 014, 018, 017.
Prev Emp: Econ, Pure Milk Products Coop, WI, 1955-71; Instr, Univ of WI 1951-55; Acting Reg Coord, USDA, Madison WI 1950-51.
Pub: Bulk Handling of Wisconsin Milk, Res Bull. 192, Univ of WI 1955; Marketing of Nonfat Dry Milk, Res Bull. 175, Univ of WI 1951; Pricing American Cheese Res. Bull. 163, Univ of WI 1949.

MILLER, Charles R., Room 8234, NEOB, Washington DC 20503; PH 202-395-5626.
Econ, Office of Mgmt & Budget (26) 18, 19, 15.
b. 1937 New York; M-2.
BS 1958 Syracuse Univ; MS 1961 Duke Univ; PhD 1966 MI St Univ.
Fields: 017, 026, 035, 013.
Prev Emp: Econ, Office of Sec of Agr, Washington DC 1970-76; Assoc Prof, Syracuse Univ 1966-70; Asst for Econ, Univ of CA, Berkeley 1963-66.
Pub: Forestry: The Timber-Based Economy, New York State Office Planning Services 1971; The Socio-Economic Roots of Environmental Pollution, The Biologist 1971.
Mbr: SAF.

MILLER, Clarence J., ECA, Africa Hall, Joint ECA-FAO Agr Div, PO Box 3001, Addis Ababa, Ethiopia.
Regional Advisor, Agr Econ., Econ Comm for Africa (UN) (65) 07, 18.
b. 1916 Iowa; M-3.
BS 1940 IA St Univ; MS 1942 Univ of CT; PhD 1955 Harvard Univ.
Fields: 014, 019, 073, 077.

Prev Emp: Sr Agr, Econ, Louis Berger Intl, New Jersey 1974-75; Sr Agr Econ, Stanford Res Inst, CA 1966-74.
Pub: Marketing & Economic Development, Univ of NE 1967; Consumer Cooperatives, Dictionary of Am History 1975; Socio-Economic Role of the Mercato, Am Mktg Association 1968.
Lang: Fr 2-3-2, Sp 2-3-3.
Mbr: SID; IAEA: AMA.
Hon: Who's Who in Midwest; Leaders in Education; Am Men & Women of Science; Dictionary of Intl Biography; Alpha Kappa Delta; Gamma Sigma Delta; Psi Chi.

MILLER, Guy W., 610 East Ridge Village Drive, Miami FL 33157; PH 305-235-9368.
Professor (Emeritus) OH St Univ (03) 26.
b. 1892 Ohio; M-1.
BS 1919 OH St Univ; MS 1925 Cornell Univ.
Fields: 012, 016, 011, 017.
Prev Emp: Prof., OH St Univ 1945-58; Assoc Prof, OH St Univ 1934-45; Asst Prof, OH St Univ 1926-34.
Pub: Timely Economic Information for Ohio Farmers, OH St Univ, Monthly, 1928-58.
Mbr: AAEA (50 years); Kiwanis; Northern Columbus.
Hon: Gamma Sigma Delta; Scottish Rite 32nd Degree; Mason; Who's Who in OH 1961; Dist Serv Agr, OH Centennial Award 1970; World Bank, Food & Agr Comm. 1959-60 in Pakistan.

MILLER, JARVIS E., TX Agr Exp Sta, College Station TX 77801; PH 713-845-3711.
Director, TX Agr Exp Sta (03) 02, 07.
b. 1929; M-4.
BS 1950 TX A&M Univ; MS 1951, PhD 1954 Purdue Univ.
Fields: 014, 011.
Prev Emp: Chief of Party, TX A&M Univ, 1965-67; Rural Devl, USAID of Argentina 1963-65.
Lang: Sp 1-1-1, Fr 2-0-3.
Mbr: AAAS.
Hon: Who's Who in the Southwest.

MILLER, Kenneth E., 705 Marion Drive, Columbia MO 65201; PH 314-442-8601.
Retired Associate Professor, Univ of MO (03) 26, 27.
b. 1903 Indiana; M-2.
BS 1929 Purdue Univ; MBA 1930 Northwestern Univ; CPA 1930 Univ of IL.
Fields: 093, 073.
Prev Emp: Assoc Prof, Univ of MO 1960-71; Mgr., Business Research, Armour & Co. Chicago IL 1933-60.
Pub: Swine Marketing Development in Nicaragua, Univ of MO Project, Nov 1973; Trends in Crops, Univ of MO SB837, 1966; Summary of Missouri Economy Study, Res Center, Univ of MO 1963.
Lang: Fr 3-0-0.
Mbr: NABE; ASA, Pres. Chicago Chpt 1943.
Hon: Am Men & Women of Science.

MILLER, Leonard F. Social Sciences, c/o P. Harris, 1133 Sixth Avenue, New York NY 10036.
Found. Rep & Professor, The Rockefeller Foundation (70) 04, 08, 07.
b.1915 USA; M-2.
BS 1936, MS 1938 KS St Univ; PhD 1942 Univ of WI.
Fields: 013, 012, 094.
Prev Emp: Prof, PA St Univ, 1946-54; Head, Agr Econ, OK St Univ 1954-61; Dean & Adm Adv, College of Agr, HSIU, Dire Dawa, Ethiopia 1961-65 & 1966-68.
Pub: Use of Credit by Small Farmers, Tech Rpt, Univ of Ibadan, Nigeria 1975; Evaluation of Group Loans, West African Jour of Agr Econ 1974; Esusu Clubs, Rural Savings & Credit, Tech Rpt, Univ of Ibadan, Nigeria 1976.
Mbr: WAAAE; AASA; IAAE.
Hon: Phi Kappa Phi; Sigma Xi Alpha Zeta.

MILLER, Marlen F., Dept of Economics, Pacific Lutheran Univ, Tacoma WA 98447; PH 206-531-6900.
Assoc Professor, Pacific Lutheran Univ (03) 08, 02.
b. 1941 Minnesota; M-2.
BS 1962, MS 1965, PhD 1967, Univ of MN.
Fields: 081, 062, 020.
Prev Emp: Asst Prof, WA St Univ 1967-70.
Pub: The Constant Elasticity of Substitution Production Function and Its Application in Research, College of Agr Res Center, WA St Univ 1975.
Mbr: AEA.
Hon: Who's Who in the West.

MILLER, Michael B., 245 East 63rd Street, New York NY 10021; PH 212-593-2020.
Vice Pres., Harbour Group (51) 17, 10.
b. 1938 California; M-1.
1955-56 Univ of CA, Berkeley; 1959-62 Brooklyn Polytechnic.
Fields: 094, 130.
Prev Emp: Pres. Advisory Dynamics, NY, 1970-74; Vice Pres, Citibank, NY 1961-69.
Mbr: FAF; NYSSA.

MILLER, Paul E., 220 Bruce Drive, Lincoln NE 68510.

MILLER, Paul J., 3030 E. Vernon Ave, Los Angeles CA 90058; PH 213-587-9111.
Supr, Union Packing Company (51) 10, 16.
b. 1948 California; M.
BS 1970 Cornell Univ; MS 1972 MI St Univ.
Fields: 015, 017, 124.

MILLER, Robert E., Room 700, 139 W. Vanburen, Chicago IL 60605; PH 312-435-7779.
Mkt Research Analyst, Chicago Rock Island & Pacific Railroad (51) 11, 18, 15.
b. 1944 Illinois; U.
BS 1968, MS 1974, So. IL Univ.

Fields: 019, 014, 080, 110.
Prev Emp: Res Asst, So. IL Univ 1971-72.
Mbr: ASA; IMS; TRF;
Hon: Alpha Zeta.

MILLER, Robert H., Rm 200, GHI Bldg, USDA, Washington DC 20250; PH 202-447-8059.
Supervisory, Agr Econ, CED-USDA (16) 07, 15, 19.
b. 1930 Wisconsin; M-2.
BS 1952, MS 1959, PhD 1967, Univ of WI Madison.
Fields: 018, 017, 016, 112.
Prev Emp: Program Leader, Tobacco, USDA-ERS-CED, Washington DC 1973-75; Head, Tobacco & Spec Crops Section, USDA-ERS-ESAD 1968-73; Agr Econ, Dairy Section, USDA-ERS-ESAD1962-67.
Pub: Tobacco Situation, USDA, Washington DC 1968- --; Dairy Situation, USDA, Washington DC 1962-67; Tobacco & Tobacco Products Domestic Use Projections, USDA Washington DC 1970-75.
Mbr: IAAE; SAEA; AES.
Hon: Who's Who in South & Southwest; Am Men & Women of Science; Tobacco Merchants Assn Outstanding Agricultural Economist Award 1975; Phi Kappa Phi; Alpha Zeta.

MILLER, Robert R., 500 12th Street SW, Washington DC 20250; PH 202-447-7330.
Agr Econ, ERS-NEAD-USDA (16) 07.
b. 1934 Pennsylvania; M-3.
BS 1956, MS 1961 PA St Univ.
Fields: 018.
Prev Emp: Staff Econ, Natl Comm on Food Mktg, Washington DC 1965-66; Assoc Econ, Mutual Fed of Ind Coops, Syracuse NY 1961-65.
Pub: Dairy Situation, Editor-Author; Agricultural Outlook Economics Editor.
Mbr: NAEC.

MILLER, Stanley F., Office of Intl Agr, Gilmore Annex, OR St Univ, Corvallis OR 97331; PH 503-754-3541.
Dir Off of Intl Agr & Assoc Prof, OR St Univ (03) 07, 23.
b. 1935 Idaho; D-2.
BB 1960 Brigham Young Univ; MS 1962, PhD 1965 OR St Univ.
Fields: 11, 21, 118.
Prev Emp: Consultant, Venezuela Govt, IRI Res Inst, 1971-73; Agr Econ, USDA-ERS, Corvallis OR 1968-71; Consultant, Brazil Mins of Agr 1966-68.
Pub: Application of Systems Simulation in the Venezuelan Cattle Industry, Jour of Agr Systems, Vol. 1, 1975; Economics of Herbicide Use, Proceedings of the 5th A-PWSS Conf 1975; Modeling of Beef Cattle Production Systems in Venezuela, Am Soc of Agronomy Spec Pub #24 1975.
Lang: Por 1-2-1, Sp 1-2-1.
Hon: Who's Who in Am; Am Men & Women of Sci; Phi Kappa Phi, Sigma Xi.

MILLER, Thomas A., Economics Dept, CO St Univ, Fort Collins CO 80523; PH 303-482-9279.
Agr Econ, CED-ERS-USDA (16) 07, 19, 18.
b. 1937 Wyoming; M-2.
BS 1959, MS 1961 Univ of WY; PhD 1967 IA St Univ.
Fields: 017, 011, 081.
Prev Emp: Agr Econ, FPED-ERS-USDA, Ames IA 1963-67; Agr Econ, FPED-ERS-USDA, Manhattan KS 1961-63.
Pub: Estimating the Income Supplement in Farm Program Payments, USDA Tech Bull. #1492, 1974; Analysis of Aggregation Error in Supply Functions Based on Farm Programming Models, IA St Univ Res Bull. 578, 1973.
Mbr: WAEA.
Hon: Am Men & Women of Science; AAEA Award, MS Thesis 1962.

MILLER, Walter G., FHWA, U.S. Dot, Nassif Bldg, 400 7th Street SW, Washington DC 20590; PH 202-426-0570.
Econ, Federal Highway Adm (26) 19, 18, 07
b. 1919 West Indies; Citz: USA; M-1.
BS 1951, MS 1953, Univ of CA, Berkeley; PhD 1956 IA St Univ.
Fields: 030, 020, 070, 065.
Prev Emp: Econ, Leader, ERS 1965-75; Spec, FAO of the UN, Rome, Italy 1962-65; Agr Econ, ARS & ERS, Washington DC 1955-62.
Mbr: AEA; ASA; AFA.
Hon: Who's Who in America; Am Men & Women of Science; Award of Merit for Outstanding Research by AAEA 1960; Mbr of two honor societies for Scholarship.

MILLER, William L., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-493-2455.
Assoc Professor, Purdue Univ (03) 07, 08.
b. 1935 Illinois; M-4.
BS 1957, MS 1960 Univ of IL; PhD 1965 MI St Univ.
Fields: 021, 026.
Prev Emp: Assoc Prof, Purdue Univ 1965-75; Grad Res Asst, MI St Univ 1961-64.
Pub: Development & Display of Multiple Objective Project Impacts, Water Res Research 1973; The Economic Impact of Controlling Non-Point Pollution in Hardwood Forest Land, AJAE 1975; Equity Considerations for Controlling Nonpoint Pollution from Agr Sources, Water Res Bull, 1976.
Mbr: AWRA; AEA.
Hon: Sigma Xi; Alpha Zeta.

MILLERD, Frank W., Dept of Economics, Wilfrid Laurier Univ, Waterloo, Ontario, Canada; PH 519-884-1970.
Asst Professor, Wilfrid Laurier Univ (03) 08, 07, 02.
b. 1940 Canada; Citz: Canada; U.
BS 1963, MS 1965 Univ of British Columbia; PhD 1972 Cornell Univ.
Fields: 020, 024, 025, 036.
Prev Emp: Assoc Dir, ARDA Socio Econ Survey, Vancouver BC 1966-67; Econ, Canada Dept of Fisheries, Vancouver BC 1965-66.
Pub: Evaluation System for PEI Development, Jour of NAEC 1973; Methods for Allocating Public Tourism Benefits, Tourist Review 1976; Adult Education and the Adoption of Innovations by Orchardists, Dept of Agr Econ Univ of BC 1966.
Mbr: CAEA; CEA; AEA.

MILLIGAN, Robert A., Dept of Economics, Cornell Univ, Ithaca NY 14853; PH 607-256-4579.
Asst Professor, Cornell Univ (03) 07, 08, 09.
b. 1947 Michigan; M-1.
BS 1969, MS 1971, MI St Univ, PhD Univ of CA, Davis, 1975.
Fields: 011, 012, 084, 014.
Prev Emp: Instr, Univ of CA, Davis 1974.
Pub: Monthly Cash Flow Planning, A.E. Extension, Cornell Univ 1976; An Econometric Model of the California Dairy Industry, PhD Dissertation, Univ of CA, Davis 1975; Milk Pricing in California, Econ & Social Issues, Univ of CA 1975.

MILLS, Frank L., #207 Library, College of the Virgin Islands, St Thomas VI 00801; PH 809-774-1252.
Inst Res Officer & Asst Prof, College of the Virgin Islands (03) 02, 08, 07.
b. 1944 West Indies; Citz: Gr Britain; M.
AA 1967 College of the VI; BA 1970, MA 1971 Univ of Western Ontario; PhD 1974 Clark Univ.
Fields: 011, 012, 159.
Prev Emp: Res Officer, Dept of Agr, St. Kitts, West Indies, Jan-Aug 1973.
Pub: Planning for Greater Agricultural Production, Proceedings 10th WI Agr Econ Conference1975.
Lang: Fr 2-1-2.
Mbr: AAG

MIMMS, Otho L., 1413 N. Illinois, Arlington VA 22205.
Retired Consultant. (36).
b. 1908 USA; M-4.
BS 1933 TX A&M Univ; MS 1934 IA St Univ.
Fields: 26, 02, 22, 19.
Prev Emp: G-15, AID, Washington DC 1951-74; Assoc Agr Econ, BAE-USDA, Wash. DC 1939-51; Asst Prof, Univ of ID, 1936-39.
Pub: Some Economic Aspects of Farming in Alaska, USDA 1950; Markets & Mkt Preference for Idaho Potatoes, Univ of ID 1939; Growing Dry Beans in the Western States, USDA 1947.
Mbr: SCSA; SRM.
Hon: Who's Who in Government.

MIN, Byong R., National Agr Econ Res, Inst MAF 4-102 Hoigi-Dong, Congtaemou-Ku, Seoul, Korea.

MIN, Kim D., 33-5 1st Ka, Sungeu-Dong, Sungdong Ku, Dwoul, Korea.

MINER, Alan G., 316-B, C.O.B. Dept of Agr & Applied Econ, Univ of MN, St Paul MN 55101; PH 612-376-3565.
Res Asst, Univ of MN (03) 23, 07.
b. 1954 Michigan; U.
BS 1975 Cornell Univ 1972-73; Univ of MD 1971-72 Brigham Young Univ.
Fields: 020, 102.
Lang: Por 1-1-1, Sp 2-3-3.

MINGUEZ, Guia R., Natl Food & Agr Council, Dept of Agr, Quezon City, Philippines.
Natl Food & Agr Council (64) 18, 15, 22.
b. 1950 Philippines; Citz: Philippines; M-1.
BS 1971 Univ of the Phil, Coll of Agr.
Fields: 17, 18, 14, 13.
PrevEmp: Chf Agr Prod Coord, Natl Food & Agr Coun, Philippines 1974.
Pub: Seasonal Price Variations of Selected Agricultural Products, Philippine Agriculture 1971.
Lang: Filipino; Other: Sp 2-3-2.
Mbr: Univ of the Philippines Econ Soc (College of Agr) Public Relations Off.

MINH, Tran A., Dir of Agr Econ, 58 Nguyen Binh-Kheim, Saigon, South Vietnam.

MINNICK, Dale L., 151 North Main, Wichita KS 67202; PH 316-264-5371.
Res Analyst, The Federal Land Bank of Wichita (52) 07.
b. 1951 Oklahoma; U.
BS 1973, MS 1975 OK St Univ; 1969-70 North Western State College.
Fields: 013, 012, 014, 011.
Prev Emp: Instr, OK St Univ 1974; Grad Asst, OK St Univ 1973-74; Trainee, Bank of Beaver City OK 1972.
Pub: Attendance Projections for Oklahoma Recreational Areas, Current Farm Economics 1973.
Mbr: WAEA; SAEA.
Hon: Phi Kappa Phi, 2nd place in AAEA Speech Contest 1972; 3rd place in AAEA Essay Contest, 1973.

MIRAKHOR, Abbas, Dept of Economics, Univ of Alabama, Huntsville AL 35807; PH 205-895-6280.
Chairman & Assoc Prof, Univ of AL (03) 02, 08, 07.
b. 1941 Iran; Citz: Iran; M-2.
BA 1965, MA 1966, PhD 1969 KS St Univ.
Fields: 060, 070, 080.
Prev Emp: Asst Prof, Univ of AL, 1968-70.
Pub: A Recursive Model of Consumption, AJAE 1975; Efficient Allocation of Resources, SJAE 1976; Optimal Facility Location, Jour of Reg Science 1974.
Lang: Farsi; Other: Eng 1-1-1.
Mbr: AEA; SAEA; MEA.
Hon: Am Men & Women of Science; First Paper Award, IEEE, Eng. Mgmt 1972.

MIRANOWSKI, John A., Dept of Economics, Iowa State Univ, Ames IA 50011; PH 515-294-5436.
Asst Professor, IA St Univ (03) 08, 07.
b. 1944 Virginia; M-2.
BS 1966 IA St Univ; AM 1969, PhD 1975 Harvard Univ.
Fields: 026, 011, 012, 081.
Prev Emp: Res Assoc, Harvard Univ, 1973-75; Instr, Northeastern Univ, Boston MA 1971-74.
Pub: Demand for Crop Chemicals Under Pollution Control, Harvard PhD Diss, 1975; Insecticide Requirements in Efficient Agr Sector, Rev of Econ & Stat, 1973; Crop Insurance & Info Services to Control Pesticides, EPA Env Studies Services 1974.
Mbr: AEA.

MISKELL, David R., Agr Adm Bldg, 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-4077.
Asst Prof, OH St Univ (03) 09, 02.
b. 1931 Ohio; M-2.
BS 1953, MS 1962 OH St Univ; 1966-69 OH St Univ; 1964-72 CO St Univ.
Fields: 012, 159.
Prev Emp: Instr & Asst Prof, OH St Univ, 1955-74.
Pub: Current Agricultural Use Value Land Taxation, OH St Univ 1975; Ohio Fertibull Demonstrations, OH St Univ 1974; Ohio Rapid Adjustment Farms, OH St Univ 1974.
Mbr: OSFM; OEPA.

MITTELHAMMER, Ronald C., Dept of Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-1706.
Agr Econ, USDA-ERS-CED, Pullman WA (16) 07, 23, 15.
b. 1950 New Jersey; M.
BS 1972, MS 1974 Rutgers Univ; 1974 to date, WA St Univ.
Fields: 016, 081, 062.
Prev Emp: Res Asst, WA St Univ 1974-75; Res Asst, WA St Univ 1974-75; Res Asst, Rutgers Univ 1972-74.
Pub: Food Stamp Participation Among Low-Income Households: Theoretical Considerations of the Impact on Demand for Food, SJAE 1975; Supply Response Models for Large & Medium Large Dairy Farms Marketing Milk in Federal Order 2, MS Thesis 1974.
Lang: Ger 2-2-2.
Hon: Who's Who Among Students in Am Universities 1974.

MIZELLE, William O. Jr., Dept of Agr Ecor Clemson Univ, Clemson SC 29631; PH 803-656-3462.
Instr, Agr Econ, Clemson Univ (03) 09, 07
b. 1943 North Carolina; M-2.
BS 1967, MS 1970 NC St Univ; PhD 1975, Clemson Univ.
Fields: 014.
Prev Emp: Asst Co Agt, Pittsboro NC 1967
Pub: Consumer Attitude Toward the Food Industry, Dissertation.
Mbr: SAAS.

MKORA, Germanus N., PO Box 92, Tanga, Tanzania, E. Africa.

MOAK, Samuel K., 100 Dale Way, Lookout Mountain TN 37350; PH 404-831-6531.
Professor, Covenant College (03) 08.
b. 1929 Korea; Citz: USA; M-2.
BS 1959 CO St Univ; MS 1962 Univ of KY; PhD 1966 NC St Univ.
Fields: 095, 063.
Prev Emp: Assoc Prof, Univ of Richmond, VA 1967-74.
PUb: Macroeconomics, Univ of Richmond 1973; Marketing System of North Korea, Univ of Richmond 1974; Marketing Structure of Virginia, VA St College 1976.
Lang: Korean; Other: Eng 1-1-1, Jap 2-2-
Hon: Intl Who's Who.

MOBERLY, Howard D., Auburn Univ, Montgomery AL 36109; PH 205-279-9110.
Asst Prof, Auburn Univ, Montgomery (03) 08, 02, 07.
b. 1934 Texas; M.
BS 1960 Abilene Christian College; MS 1965 TX Tech Univ; PhD 1968 TX A & M Univ.
Fields: 62, 11, 12, 36.
Prev Emp: Asst Prof, SD St Univ, 1968-70; Res Asst, TX A&M 1964-68; TX Tech 1963-64.
Pub: An Economic Analysis of Midland Bermuda Grass Establishment, Texas Tech 1965; Production & Production Requirements for Midland Bermuda Grass, MP #765, TX Agr Exp Sta 1965; An Economic Analysis of Beef Production-Southwest Texas High Plains, Dissertation, TX A & M Univ 1968.
Lang: Fr 2-0-0; Ger 2-0-0.
Mbr: SAEA; AEA; SEA.

MOLSTER, Hendrik C., PO Box 4, Wageningen Netherlands; PH 08370-19146.
Exec Off, Centre Agr Publ & Doc: Pudoc (78) 06, 14, 18.
b. 1941 Netherlands; Citz: Netherlands; M-2.
MS 1968 Agr Univ, Wageningen; MA 1970, 1968-73 Stanford Univ.
Fields: 159, 011, 073, 154.
Pub: On Estimating Fertilizer Response Curves in Jogiaharta, Dissertation 1976; Alloc Efficiency: Traditional Agriculture and Risk, Comment, AJAE 1972.
Lang: Dutch; Other: Eng 1-1-1, Ger 1-1-1.
Mbr: AEA; IAALD; Royal Soc Agr Sci.

MONARDES, Alfonso Toral, Econ Dept, Univ of Chile, 343 Condell, Santiago, Chile.
Res Professor, Univ of Chile (03) 07, 08.
b.1942 Chile; Citz: Chile; U.
BS 1967 Catholic Univ-Chile; MS 1969 OK St Univ; 2 years Cornell Univ.
Fields: 011, 073, 017, 062.
Prev Emp: Res & Prof, Catholic Univ, Chile 1972; Agr Econ, AID-Chile Office, 1969-72.
Pub: Typology of Small Farmers in Central Valley of Chile, "Chile" 1967.
Lang: Spanish; Other:Eng 3-3-3.
Mbr: Chilean Soc of Agr Econ.
Hon: Phi Kappa Phi.

MONCURE, Robert C., Route 2, Box 462, Lancaster VA 22503.

MONROE, Thomas D., Agr Div, U.S. Bureau of Census, Washington DC 20233; PH 301-763-1974.
Chf-Livestock Stat, U.S. Bureau of the Census, (11) 27.
b. 1933 Tennessee; M-6.
BS 1956 Univ of TN.
Fields: 011.
Hon: Fed Stat Director.

MONTANO, Carl B., Univ of the Philippines at Los Banos College, Laguna Philippines E-109.
Training Spec, Agrarian Reform Institute (03) 23.
b. 1946 Philippines; Citz: Philippines; M-2.
BS 1968, MS 1972 Univ of Philippines.
Fields: 017, 020, 080, 090.
Prev Emp: Res Assoc, UP School of Econ, Quezon City, Philippines 1971-72; Instructor, UP College of Agr, Laguna 1971.
Pub: The Relationship Between Solar Energy Level and the Economic Returns to Fertilizer Application in Tropical Rice, Philippine Econ Jour, 1974; The Influence of Lime Application on the Yield of Mustard and on Some Chemical Properties of Acid Soils, The Phil Agr, Vol 52, No. 7 & 8, 1969.
Lang: Filipino; Other: Eng 1-1-1, Sp 1-2-2.
Mbr: PES; PAES;SID,

MOODY, R. E., 4624 - 24th Street North, Arlington VA 22207.

MOON, Ki H., 4-102 Hoigi-Dong, Dongdae-moon- Ku, Seoul, Korea.

MOORE, Charles L., Dept of Agr Econ, Agr Sci Center South, University of Kentucky, Lexington KY 40506; PH 606-257-2981.
Asst Ext Prof, Univ of KY (03) 09, 08, 07.
b. 1946 Ohio; M-2.
BS 1968 OH St Univ; MS 1970, PhD 1972 Univ of IL.
Fields: 012, 011, 013.
Mbr: ASFM&RA; Natl Assoc of Farm Bus Anal Spec; KY-AFM&RA.

MOORE, Charles V., Dept of Agr Econ, Univ of California, Davis CA 95616; PH 916-752-3681.
Agr Econ, ERS-USDA (16) 07.
b. 1931 Ohio; M.
BS 1953, MS 1957, PhD 1959 OH St Univ.
Fields: 011, 021, 017.
Prev Emp: Sr Econ, Stanford Res Inst, Saudi Arabia 1972; Assoc Prof, OH St Univ, India 1965-67; Asst Agr Econ, Univ of CA, Davis, 1959-62.
Pub: Effects of Colorado River Quality and Supply on Irrigated Agriculture, Water Resources Research 1974; Emperical Test of Utility vs Profit Maximization in Agricultural Production, AJAE 1974.
Mbr: WAEA.

MOORE, Clay R., 6805 Cloverdale Drive, Little Rock AR 72207.

MOORE, Donald S., Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-5443.
Assoc Prof, TX A&M Univ (03) 07.
b. 1913 Oklahoma; U.
BS 1938, MS 1940 OK St Univ; PhD 1957 Univ of MN.
Fields: 011, 012, 013.
Prev Emp: Agr Econ, Farm Credit Adm, Washington DC 1939-53.
Mbr: AEA; SAEA.

MOORE, Elmer J., 2717 Tennyson Street NW, Washington DC 20015; PH 202-363-2909.
President, Elmer J. Moore & Assoc, Inc. (72) 22, 07, 18.
b. 1918 USA; M-3.
BS 1949, MS 1950 Univ of CA, Berkeley; 1938-42 Alcorn A&M Univ; 1943-44 Purdue Univ.
Fields: 014, 070, 060, 118.

Prev Emp: Mission Dir, AID, Liberia 1971-73; Dir, N. African Affairs, AID, Washington DC 1969-71; Prog Mgr, Franklin Res Inst, Philadelphia PA 1968-69.
Mbr: NEA; AAP&SS.

MOORE, Hugh L., Armour & Co, Greyhound Tower, Phoenix AZ 85077; PH602-248-5903.
V. Pres & Gen Mgr, Dairy, Poultry & Oils Div, Armour & Co (51) 05, 10, 11.
b. 1929 Ohio; M-3.
BS 1951 OH St Univ; MS 1955, PhD 1958 Univ of WI.
Fields: 091, 095.
Prev Emp: Dir Prod & Mkt Plng, J.I. Case Co., Racine WI 1969; Mgr, Mkt & Econ Res, Massey-Ferguson Ltd, Toronto, Canada 1966-69.
Mbr: Natl Cheese Inst, Dir; Am Butter Inst, Dir; Poultry & Egg Inst of Am, Dir.

MOORE, John C. Jr., USDA, Farmer Coop Service, Washington DC 20250; PH 202-447-8988.
Agr Econ, USDA-FCS (19) 07, 22.
b. 1946 Washington DC; M.
BA 1968, MS 1970, PhD 1972 Univ of CA, Berkeley.
Fields: 014, 019.
Prev Emp: Grad Res Asst, Univ of CA, Berkeley 1969-71.
Pub: Least Cost Organization of Cotton Ginning Facilities in the San Joaquin Valley, Univ of CA, Berkeley 1974.
Hon: Mbr of USDA Young Exec Comm, 1972-73.

MOORE, John E., 2021 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-6021.
Prof/Ext Farm Mgr, OH St Univ (03) 09, 08, 07.
b. 1919 Indiana; M-2.
BS 1941, MS 1954, PhD 1967 OH St Univ.
Fields: 012, 011, 013, 017.
Prev Emp: Co Agent, OH St Univ, London, 1946-63; HS Teacher, Ansonia OH High School 1945-46.
Lang: Sp 3-3-3.
Mbr: ASFM&RA; OH Ext Prof Assoc, Past Pres. 1969-70.
Hon: USDA Distinguished Serv Award.

MOORE, John R., Dept of Agr & Resource Econ, Univ of Maryland, College Park MD 20742; PH 301-454-3807.
Professor, Univ of MD (03) 07, 08, 02.
b. 1929 Ohio; M-2.
BS 1951 OH St Univ; MS 1955 Cornell Univ; PhD 1959 Univ of WI.
Fields: 112, 014, 017.
Prev Emp: Proj Spec, Ford Foundation, New Delhi, India 1968-70; Asst Prof, Agr Econ Dept, MI St Univ, E. Lansing MI 1958-62.
Pub: Market Structure of the Agricultural Industries, IA St Univ Press 1966; U.S. Investment in Latin American Food Processing, F.A. Praeger, New York 1967; Indian Food Grain Marketing, Prentice-Hall, India 1973.
Lang: Sp 3-0-0, Fr 3-0-0.
Mbr: AEA; IAAE; WAEA.
Hon: Am Men & Women of Science; AAEA PhD Thesis Award; Phi Kappa Phi.

MOORE, Marilyn K., 6121 Lincolnia Road, Alexandria VA 22101; PH 703-750-2660.
Sr Econ, Mgmt Sci Systems (51) 07, 14, 11.
b. 1947 New Mexico.
BS 1969 NM St Univ; MS 1972 CO St Univ; 1972-73 IA St Univ; 1973-present Univ of MD.
Fields: 011, 081, 083, 016.
Prev Emp: Asst Econ, U.S. Forest Service, Ft Collins CO 1972.
Pub: Cost of Raising Containorized Trees, Great Plains Ag Coun #68, 1974; Econ of Containorized Conf Seed, U.S. Forest Serv Res Paper RM 108 1973; Economic Evaluation Sugar Beet Prod, MS Thesis, CO St Univ 1972.
Lang: Sp 2-1-1.
Mbr: AEA.
Hon: Phi Kappa Phi; ODE; GSD.

MOORE, Stephen R., 1128 N Jackson Street, Arlington VA 22201.

MORA, Pedro, Dept of Economics, North Carolina State Univ, Raleigh NC 27607.

MORAN, Michael J., Apartado 10281, San Jose, Costa Rica; PH 22-2022.
Coord Hemispheric, OAS-IICA (60) 18, 22, 19.
b. 1936 Michigan; M-3.
BS 1962 Detroit; MS 1968 MI St Univ.
Fields: 014, 017, 015.
Prev Emp: Coord-Prof, OAS-CICOM, Brazil 1968-72; Agr Adv, AID, Bolivia, 1962-66; Res Asst, MI St Univ, E. Lansing 1961.
Pub: Market Processes in Bolivia, MI St Univ 1969; Market Structure Price, MI St Univ 1968; Lacomercializacion Agropecuaria y su Significado Para el Desarrollo Socio-Economico del Campesino, IICA 1975.
Lang: Sp 1-1-1, Por 1-1-1.
Mbr: SID.
Hon: Technical; Cons to High-Level Comm FAO, BID, AID, OAS.

MORGAN, John W., 120 Long Ridge Road, Stamford CT 06904; PH 203-327-3371.
Intl Mktg Rep, Olin Corp (51) 10, 11, 18.
b. 1953 Kansas; M.
BS 1974, MS 1976 KS St Univ.
Fields: 014, 093, 019.

Prev Emp: Res Asst, KS St Univ, Manhattan, 1974-75.
Lang: Sp 2-3-3.
Mbr: Aircraft Owners & Pilots Assn.
Hon: Gamma Sigma Delta; Putnam Scholar, KS St Univ.

MORGAN, Larry C., Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-4445.
Asst Prof, TX A&M Univ (03) 07, 08.
b. 1942 Kentucky; M-1.
BS 1964, MS 1966, PhD 1973 Univ of KY.
Fields: 120, 046, 047, 041.
Prev Emp: Asst Prof, Univ of TN, Knoxville, 1973-75; Grad Res Asst, Univ of KY 1970-73; 1st Lt, U.S. Army, US-Vietnam, 1966-69.
Pub: Psychic Costs and Factor Price Equalization, SJAE 1973; Urban Public Service Costs and Benefits of Rural-to-Urban Migration, SJAE 1974; Sources of Job Information for Migrants, SJAE 1975.
Lang: Fr 2-3-3.
Mbr: AEA; SAEA; WAEA.
Hon: Alpha Zeta; Gamma Sigma Delta.

MORGAN, Thomas H., Dept of Economics, KS St Univ, Manhattan KS 66506.

MORIAK, Theodore F., Rm 391, 500 12th St, SW, Washington DC 20250; PH 202-447-8912.
Agr Econ, USDA-ERS-CED (16) 07, 18, 15.
b. 1942 Wisconsin; M-3.
BA 1964 College of St Thomas; 1965-66 Univ of MD; MS 1968, PhD 1971 Univ of CA.
Fields: 081, 017, 075.
Pub: Coordinating Bread Distribution: A Simulation of Interfirm Behavior, Univ of CA 1971; World Rice Study: A Software Package for Analyzing International Trade, ERS 1975; Environment Upon Growth in the Food & Fiber Sector, AAEA 1976.
Mbr: AEA.
Hon: Phi Kappa Phi; Am Men & Women of Science.

MORRIS, Douglas E., 318 James Hall, Univ of New Hampshire, Durham NH 03824; PH 603-862-1700.
Agr Econ, NRED-ERS-USDA (16) 07.
b. 1946 Illinois; M-1.
BS 1968, MS 1969, PhD 1973 OK St Univ.
Fields: 020, 080, 030.
Prev Emp: Asst Prof, Univ of NH 1972-75; NDEA Fellow, OK St Univ 1968-72.
Pub: Use Value Assessment & Tax Rates in New Hampshire, Assessors Journal 1975; Air Pollution Control-Equity Considerations for Rural & Urban America, Jour of NAEC 1974.
Mbr: WRSA; NAEC, Exec Comm 1973-75.
Hon: Jt Coun on Econ Educ Award for Tchg Econ on College Level 1975; Phi Kappa Phi; Alpha Zeta.

MORRIS, James B., 1402 Quebec Avenue, Saskatoon, Sask, Canada; PH 306-653-3014.
Gen Mgr, Sask Hog Mktg Comm (78) 11, 05.
b. 1947 Canada; Citz: Canada; M-2.
BS 1970, MS 1972 Univ of Sask.
Fields: 014, 017.
Prev Emp: Mktg Spec, Sask Dept of Agr, Regina 1972-75.
Mbr: AIC; CAAE.

MORROW, Robert B., State Dept, AID, Washington DC 20523; PH 202-632-9048.
FSR3, USAID (24) 03, 22.
b. 1929 North Dakota; M-4.
BS 1951 ND St Univ; MS 1960 MN Univ; 1969 Vanderbilt Univ.
Fields: 070, 012.
Prev Emp: Spec/Adv. Near East Foundation, Iran 1954-59.
Pub: Economics of Philippine Land Reform, Manila, Comment Journal 1963; Land Reform in Korea, Spring Review, AID, Washington DC 1970; Rural Credit in Korea, Spring Review, AID, Washington DC 1973.
Mbr: AFSA.
Hon: Who's Who in America.

MORSE, George W., Economics Dept, SD Univ, Brookings SD 57006; PH 605-688-4141.
Asst Prof, Econ, SD St Univ (03) 09, 07.
b. 1943 Maine; M-3.
BS 1965 Univ of ME; MS 1971 Purdue Univ; PhD 1975 Univ of WI.
Fields: 039, 041, 031, 038.
Pub: Use of Linear Programming With Multiple Goals, AJAE 1974; Neighborhood Benefit Investment Hypothesis, Univ of WI 1975; Rollback Provisions for South Dakota's Use-Value Assessment, SD St Univ Exp Sta Bull #638, 1975.
Lang: Por 1-2-1.
Mbr: CDS; AEA.

MORTENSEN, Erik H., Slotsholmsgade 10, 1216 Copenhagen K, Denmark; PH 01-123717.
Head of Div, Ministry of Agr, 18, 19, 06.
b. 1910 Denmark; Citz: Denmark; M-2.
Cand Polit 1936 Univ Copenhagen.
Fields: 017, 018, 112, 118.
Prev Emp: Head of Section, FAO, Washington DC & Rome 1947-57; Censor, Univ of Copenhagen, 1964- --.
Pub: Agricultural Marketing in Scandinavia Foreign Surplus Disposal, JFE 1960.
Lang: Danish; Other: Eng 1-1-1, Ger 1-1-1, Fr 1-0-1.
Mbr: Natl Ekon Forening; Social Ekon Forening, Chairman 1942 & 1943.
Hon: Officer du Merite Agricole, France 1973.

MORZUCH, Bernard J., 308 Agr Hall, Univ of Wisconsin, Madison WI 53711; PH 608-262-3653.
Res Spec, Univ of WI (03) 07.
b. 1948 Illinois; M.
BA 1970 St Procopius College; MBA 1972 So IL Univ; PhD 1976 Univ of MO.
Fields: 081, 011, 017, 090.
Prev Emp: Res. McDonnell Douglas Corp, St Louis MO 1973.
Pub: A Study of the Timing of Commercial Aircraft Orders and the Orders/Delivery Lag for Aerospace Production, McDonnell Douglas Corp, St Louis 1973.
Mbr: AEA; Econometrica.
Hon: Undergrad Cum Laude; Grad Std Tchg Award.

MOSER, Collette H., 33 Agr Hall, Michigan St Univ, E Lansing MI 48824; PH 517-353-3298.
Asst Professor, MI St Univ (03) 08, 09, 07.
b. 1940 Illinois; U.
BS 1962 IL St Univ; MS 1966, PhD 1971 Univ of WI.
Fields: 120, 040, 06.
Prev Emp: Lecturer, IN Univ 1969-71; Lecturer, Rutgers Univ, New Brunswick 1967-69; Tchg & Res Asst, Univ of WI, 1962-67.
Pub: Readings in Labor Economics & Labor Relations, Prentice Hall 1974; Job Search & Affirmative Action, Am Econ Rev Papers & Proceedings, May 1975.
Lang: Ita 3-0-0, Fr 3-0-0.

MOSER, David E., 226 Mumford Hall, Dept of Agr Econ, Univ of Missouri, Columbia MO 65201; PH 314-882-7368.
Assoc Prof, Univ of MO (03) 09, 07.
b. 1914 Washington; M-3.
BA 1935 Williamette Univ; MS 1938, PhD 1970 Columbia Univ.
Fields: 019, 037, 035, 065.
Prev Emp: Dir Mktg Res, Consolidated Freightways, Menlo Park CA 1961; Pres. Mosers Inc, Salmon ID 1955; Asst Dir of Ext, City College, School of Business NY City 1951.
Pub: Trans;ortation in Agriculture & Bus. Columbia MO 1964; Guidelines for an Extension Educational Program in Transportation, Columbia MO 1969; Research Needs in Food Transportation, Wash. DC 1975.
Lang: Fr 2-0-0, Sp 3-0-0.
Mbr: AMA; TRF; Am Soc of Traffic & Transp, St Chpt Pres 1970-72.
Hon: Dir of Am Scholars; Beta Gamma Sigma; Gamma Sigma Delta; Epsilon Sigma Phi.

MOSHER, Arthur T., 1290 Avenue of the Americas, New York NY 10019.

MOSHER, Martin L., Mayflower Home, Grinnell IA 50112; PH 515-236-6151.
Prof Emeritus, Coop Ext (76)
b. 1882 Iowa; W-5.
BS 1905, MA 1915 (hon) IA St Univ.
Fields: 012.
Prev Emp: Prof, Univ of IL, Urbana 1923-50; Co Agr Agt, Eureka IL 1916-22; Farm Crops Ext Spec, IA St Univ, Ames IA 1906-12.
Pub: Early Iowa Cornyield Tests, IA St Univ Press 1962; Farmsteads of America at Middle of 20th Century.
Lang: Sp 2-2-2.
Mbr: Am Soc of Agronomy; ISAE; ASFM&RA.
Hon: Ldrs in Educ; Intl Who's Who; Am Men & Women of Sci; Superior Serv USDA Award 1948; Outstanding Serv in Farm Mgmt Ext & Res - IL SFM&RA.

MOSS, Jerry L., Room 359 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 812-256-4441.
Grad Asst, Cornell Univ (03) 23, 08, 07.
b. 1953 Indiana; U.
BS 1975 Purdue Univ.
Fields: 013, 012, 011, 018.
Prev Emp: Undergrad Asst, Purdue Univ, W. Lafayette IN 1972-75.
Mbr: Alpha Zeta; Farmhouse Fraternity-Purdue; Alumni Assoc-Purdue.

MOTES, William C., 14th & Independence, Washington DC 20250.
Director, ERS-USDA.
b. 1932 Kansas; M-2.
BS 1954, MS 1958 KS St Univ; PhD 1960 IA St Univ.
Prev Emp: Sr Anal, Off of Sec of Agr, Washington DC 1966-69; Econ, ERS-USDA, Washington DC 1960-66.

MOUNT, Timothy D., Dept of Agr Econ, Cornell Univ, Ithaca NY 14853.

MOXLEY, Clisby C., McCarty Hall, Dept of Agr Econ, Univ of Florida, Gainesville FL 32611; PH 904-392-1017.
Professor, Univ of FL (03) 09, 10, 17.
b. 1917 Kentucky; M-4.
BS 1939 Berea College; MS 1953, PhD 1955 Univ of KY.
Fields: 031, 046, 124, 012.
Prev Emp: Sales Supr, Alum Co of Am, Lexington KY 1952-55; Area Supr, FHA, Paintsville KY 1939-50.
Pub: Basic Steps in Res Devl, Gainesville FL 1961; Agr Econ Handbook, Gainesville FL 1956; Cost Accounting for Nursery Industries, Gainesville FL 1967.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: CDS; SAEA; SO-CDA.

MOYER, D. David, Univ of Wisconsin, 1815 University Avenue, Madison WI 53706; PH 608-262-3576.
Econ, USDA-ERS-NRED (16) 07, 06.
b. 1937 Missouri; M-3.
BS 1959, MS 1962 OH St Univ; 1962-64 George Washington Univ; 1969-Present, Univ of WI.
Fields: 022, 026, 039, 038.
Prev Emp: Ldr, USDA-ERS-NRED, Washington DC 1968-69; Chf, Crop Stat Br, Bureau of Census, Suitland MD 1966-68; Stat, Bureau of Census, MD 1962-66.
Pub:Northeast Land Ownership Sourcebook, USDA 1976; Land Parcel Identifiers for Information Systems, Am Bar Foundation, Chicago 1973; Land Tenure in the U.S. USDA 1969.
Mbr: IAAE; SCSA; URISA.

MSUKA, Thomas D.K., Dist Agr Office Mbeya, PO Box 253, Mbeya, Tanzania, Africa.

MUCHOW, Jeffrey P., 83 Fts Webb AFB, Big Spring TX 79720; PH 915-267-2511.
Chapt USAF, Webb AFB Texas (36) 25.
b. 1946; U.
BS 1968 SD St Univ; MS 1970 Univ of MO.
Fields: 091, 014, 095.
Prev Emp: Operations Officer Kirtland AFB New Mexico 1970-72.
Pub: An 8 Year Dynamic Linear Programming Model for Machinery Selection, Univ of MO 1970.
Mbr: Air Force Assn.
Hon: Outstanding Young Men in Am; Air Force Commendation Medal.

MUDAHAR, Mohinder, Dept of Agr Econ, Cornell Univ, Ithaca NY 14850; PH 607-256-3010.
Res Assoc, Cornell Univ (03) 07, 08, 09.
b. 1943 India; Citz: India; M.
BS 1965, MS 1967 Punjab Agr Univ; MS 1970, PhD 1972 Univ of WI.
Fields: 070, 010, 060, 080.
Prev Emp: Res Asst, Univ of WI, Madison 1967-70.
Pub: Implications of Tech Change, WAEA Proceedings 1974; Dynamics of Inst Change and Rural Development, Center for Intl Studies, Cornell Univ 1974; Modernizing Agr Employment and Econ Growth; A Simulation Model, Cornell Occasional Paper Series 1974.
Lang: Punjabi; Other: Hindi 3-3-3; Eng 3-3-3.
Mbr: AEA, IAAE, ES.
Hon: AAEA Travel Award;Ford Fellowship.

MUDIKDJO, Kooswardhono, 502 F Eagle Heights Madison WI 53705.

MUELLER, Allan G., 305 Mumford Hall, Dept of Agr Economics, Univ of IL, Urbana IL 61801; PH 217-333-0753.
Prof Agr Econ, Univ of IL (03) 08, 07, 09.
b. 1923; M-2.
BS 1945, MS 1947, PhD 1955 Univ of IL.
Fields: 012, 013, 018.
Mbr: ASFM&RA.
Hon: Am Men & Women of Science.

MUELLER, Robert G., 445 W. Elm Avenue, Hermiston OR 97838; Ph 503-567-5511.
Mgr., The McGregor Company (51) 11, 10.
b. 1938; M-2.
BS 1960 Univ of CA, Davis; MS 1961 MT St Univ; PhD 1965 WA St Univ.
Fields: 093, 011, 094, 152.
Prev Emp: Mgr, The McGregor Co, Hermiston OR, 1974- --; Mktg Spec & Training Officer, TVA, Muscle Shoals AL 1970-73; Field Rep, TVA, Pullman WA 1965-69.
Lang: Ger 3-3-2, Sp 3-3-3.
Mbr: AMA.

MUELLER, Willard F., 340-A Agr Hall, Univ of Wisconsin, Madison WI 53706; PH 608-262-3653.
Vilas Res Prof, Univ of WI, Madison (03) 07, 08.
BS 1950, MS 1951 Univ of WI; PhD 1955 Vanderbilt Univ.
Fields: 101, 102.
Prev Emp: Exec Dir, Cabinet Comm Price Stability, Washington DC 1968-69; Chief Econ, Fed Trade Comm, Washington DC 1961-68; Asst Prof, Univ of CA, Davis 1954-57.
Mbr: AFEE, Pres. 1974-75; AEA.
Hon: Dist Serv Award Federal Trade Comm.

MUKHEBI, Adrian M W, Mins of Agr, Econ Planning, P O Box 30028, Nairobi, Kenya, Africa.

MUNCRIEF, George E., Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-4545.
Cornell Univ, 23, 07.
b. 1945; M-1.
BS 1969, MS 1972 OK St Univ.
Fields: 030, 060.
Lang: Sp 1-1-1.

MUNDY, Steven D., PO Box 1071, Univ of Tennessee, Knoxville TN 37916; PH 615-974-7231.
Asst Prof, Agr Econ Dept, Univ of TN (03) 07, 08, 21.
b. 1942; M-2.
BS 1965, MS 1970 NC St Univ; PhD 1972 Univ of TN.
Fields: 011, 012, 081, 026.

Prev Emp: Vo Agr Tchr, Alamunce County School, Burlington NC 1967-68; Instr & Teacher, Dept of Econ, NC St Univ, Raleigh 1966; Trainee, Soil Scientist Soil Cons Serv, Newton, N. Wilkeboro NC 1962-63.
Pub: Interrelationships Between the Spatial Distribution of Agr Land and Land Req. for Food and Fiber Production, South, Land Econ Res Comm 1975; Farm Sector in the Southeast: 1950-70, Univ of TN 1972; Technology and the Farm Labor Market, Dissertation, Univ of TN 1972.
Mbr: SAEA, TS of FM&RA.
Hon: Gamma Sigma Delta.

MUNGUIA, George A., Henriquez Urena, Escuela De Economia, Santo Domingo, Dominican Republic; PH 565-6651.
Prof of Econ, Universidad Nac Pedro (03) 08, 07.
b. 1934; Citz: Cuba; U.
BA 1960, PhL 1961 Comillas Univ; PhL 1964 Gregorian Univ; MA 1968 Montreal Jesuit Theological Seminary; MA 1970, PhD 1975 Fordham Univ.
Fields: 076, 017, 011, 112.
Prev Emp: Instr, Fordham Univ, New York 1970-71.
Lang: Spanish; Other: Eng 1-1-1, Fr 1-1-1, Ita 1-2-1, Ger 1-3-2.
Mbr: AEA; Academia de Ciencias da la Rep Dom Colegio Dom De Econ.
Hon: Joseph Gerney Scholarship, Fordham Univ, NY 1970-71.

MUNOZ, Miguel A., Banco Nacional de Costa Rica, San Jose, Costa Rica; PH 212223.
Tech Asst, Head, Banco Nacl de Costa Rica (32) 22, 08, 17.
b. 1912; Citz: Ecuador; M-3.
Agronomist 1942, Economist 1948 Univ of Costa Rica; MS 1957 Univ of WI.
Fields: 011, 012, 013, 141.
Prev Emp: Head, Tech Asst Dept, Bank; Sr Econ USAID, Costa Rica 1965-67; Field Tech, UN-FAO, Latin Am Countries 1961-64.
Pub: Credito Agricola en Costa Rica, CIDA/BID/BNCR, Washington DC 1966.
Lang: Spanish; Other: Eng 1-2-2, Por 2-3-3.
Mbr: Colegio de Ing Agr; ADEA; Hibbar Club; AE.

MURDOCK, Robert Allen, Agr Res Econ Dept, College of Agr, Reno NV 89502; PH 702-784-6701.
Grad Fellow, Univ of NV (03) 23, 07.
b. 1946; M.
BS 1975 Univ of NV.
Fields: 011, 026.

MURPHY, Vayden, Jr., 524-1/2 No Ross Street, Auburn AL 36830.

MURRAY, John W., Room 262, GHI, 500 12th Street SW, Washington DC 20250; PH 202-447-8168.
Agr Econ , USDA ERS NEAD (16) 18, 07.
b. 1947; U.
BS 1970 So MO St Univ; MS 1971 Univ of MO, Columbia; PhD 1976 Univ of IL, Urbana.
Fields: 017, 112, 141.
Prev Emp: Res Asst, Univ of IL, Urbana, Champaign 1973-76; Field Rep, Ozarks Area Community Action Agency, Springfield MO 1972-73; Res Asst, Univ of MO, Columbia 1970-71.
Pub: Wheat Policies of Major Exporting Countries 1920-73, PhD Dissertation 1976.
Hon: Delta Tau Alpha; Honorary Agr Soc; Kappa Mu Epsilon; Honorary Math Soc.

MURRAY, Ray A., Symons Hall, Dept of Agr Econ, Univ of Maryland, College Park MD; PH 301-454-3807.
Professor, Univ of MD (03) 09, 15, 20.
b. 1910; M-3.
BS 1934 Univ of NE; MS 1937, PhD 1949 Cornell Univ.
Fields: 018, 022, 038, 121.
Prev Emp: Prof, Univ of MD, College Park.
Pub: Transfer of Farm & Open Country Real Estate in Maryland, Univ of MD 1964 & 1965; Maryland Agricultural Outlook Activities, Univ of MD 1974; Maryland Farm Manpower Activities, Univ of MD 1974.
Lang: Fr 2-0-0, Ger 2-0-0.
Mbr: ROA, President, PG County Chpt.
Hon: Phi Kappa Phi; Ray A Murray Scholarship; Phi Delta Kappa; Am M&W of Sci.

MURRAY, William G., East Hall, Dept of Economics, Iowa State Univ, Ames IA 50011; PH 515-294-8891.
Prof Emeritus, IA St Univ (03) 26, 27.
b. 1903; M-3.
BA 1924 Coe College; MA 1925 Harvard Univ; PhD 1932 Univ of MN.
Fields: 013, 020.
Prev Emp: Asst Agr Econ, USDA, Washington DC 1926-27; Asst Prof-Assoc Prof, IA St Univ 1927-37.
Pub: Farm Appraisal, IA Univ Press 1940, 1969; Agricultural Finance, IA Univ Press 1941, 1973.
Mbr: AEA.
Hon: Who's Who in America.

MUSGRAVE, Warren F., Dept of Agr Econ, Univ of New England, NSW, Australia; PH 067-72-2911.
Professor, Univ of New England (03) 02, 08, 07.
b. 1935; Australia; M-3.
BS 1956, MS 1959 Sydney; PhD 1969 Univ of New England.

Fields: 105, 021, 017, 073.
Lang: Fr 3-3-3.
Mbr: AAES, President 1975; IAAE; ES of Aus & NZ.
Hon: Who's Who in Australia; Commonwealth Lever Hulme Fellow 1973.

MUSTO, William A., CanFarm Service Agency, Box 1210 - 385 Woolwich Street, Guelph, Ontario, Canada N1H6N6; PH 519-821-8000.
Rep, Fed Dept of Agr Econ Br (36) 09, 19, 17.
b. 1948; Canada; Citz: Canada; M-1.
BS 1975 Univ of Guelph (OAC)
Fields: 012, 013, 014
Lang: Fr 1-2-1.
Mbr: CAES; Ont Inst of Agrologists.

MUTTAMARA, Sumali, 22 Dinsor Rd, Bangkok, Thailand.

MWAMUFIYA, Mbuki, Ext Hall 219, OR St Univ, Corvallis OR 97331; PH 503-757-1191.
Student, OR St Univ (03) 23.
b. 1939; Zaire; Citz: Zaire; M.
BS 1967 Louvain, Belgium; MS 1972 Univ of CA, Davis.
Fields: 073.
Prev Emp: Res Asst Off de Recherche et Devl Kinshasa 1967-68, Res Asst, Univ of Lovanium, Kinshasa 1968-70.
Pub: Developpement Econ et Social: Kwilu, Louvain, Belgium 1967; Choix de Modes de Production des Proteines Animales au Congo, Kinshasa 1969.
Lang: Tshokwe Other: Fr 1-1-1, Eng 1-1-1, Sp 1-3-1. Mbr: IRES.

MWANGI, Zakayo J., Range Mgmt, Mins of Agr, PO 30028, Nairobi, Kenya.
Agr Officer, Kenya Govt (78) 09, 20.
b. 1946 Africa; Citz: Kenya; M-1.
Diploma, Range Mgmt 1969 Egerton College, Africa; Agr Econ 1975 USU.
Fields: 011, 014, 091.
Lang: Kikuyu,Swahili; Other: Eng 1-1-1.
Hon: Alpha Zeta.

MYERS, Herman L., 8105 Glenmore Spring Rd, Bethesda MD 20034; PH 301-469-7625.
Exec Dir, Planning & Evaluation Cons (75) 19, 10, 26.
b. 1918; M-3.
BS 1940 Univ of CT; MPA 1947, MA 1948 Harvard Univ.
Fields: 118, 073, 114.
Prev Emp: Chf, Prog Eval AID Wash. DC 1970-73; Chf Econ Integration, LA Bureau, US Dept of St, Wash, DC 1966-69; Prog Dir, USAID/ MEX (AID) Mexico City 1959-66.
Pub: Technology in Food Mktg, USDA Mono #14, 1952; Foreign Trade & Human Capital AER Rev Article 1963; Eval of LA Conf of Credit Unions, ATAL, Rpt to AID 1975.
Lang: Sp 1-3-1.
Mbr: AEA; SID, Chrmn Agr Working Group 1975, KSGA.
Hon: Littauer Fellow (1946-48) Harvard Univ.

MYERS, John K., U.S. Army Corps of Engr, St Paul Dist, U.S. Postoffice, St Paul MN 55101; PH 612-725-7502.
1st Lt, U.S. Army (26) 25, 06, 23.
b. 1949; M-1.
BS 1971 SD St Univ; MS 1973 Univ of MN.
Fields: 030, 100, 110, 159.
Prev Emp: 2nd Lt, Field Artillery, Germany 1973-75; Grad Fellow, Natl Sci Foundation, Univ of MN 1971-73; Farm Mgr, Family Livestock Firm, SD, 1965-71.
Lang: Por 2-3-3, Sp 2-2-3.
Hon: Natl Sci Found Grad Fellow; Army Commendation Medal.

MYERS, Lester H., McCarty Hall, Dept of Florida, Gainesville FL 32611; PH 904-392-1757.
Assoc Professor, Univ of FL (03) 07, 08.
b. 1939; M-2.
BS 1961 PA St Univ; MS 1964 Univ of CT; PhD 1968 Purdue Univ.
Fields: 016, 014, 051.
Prev Emp: Res Econ, FL Dept of Citrus, Gainesville FL 1967-72; Agr Econ, USDA ERS, Lafayette IN 1965-67.
Pub: Monthly Price Structure of U.S. Beef, Pork and Broiler Markets, Ballinger, 1975; Mass Merchandising Floral and Foliage Crops, FL St Horticultural Soc Proceedings 1976; Regional Price Relationships for Processed Citrus Products, FL Dept of Citrus Econ Rpt 1972.
Mbr: ES; SAEA.

MYERS, Mary H., 1166 Mass Ave, Cambridge, MA 02138; PH 617-547-6007.
V. Pres, Envirovestment Inc (51) 10, 11, 20.
b. 1948; U.
BA 1970 Harvard Univ.
Fields: 090, 018, 012, 016.
Prev Emp: Financial Analyst, Ladera Mgmt, Ojai CA 1969-72.
Lang: Sp 2-2-2.

MYERS, Maxwell S., Inst of Soc Sci, SD St Univ, Brookings SD 57006; PH 605-688-6167.
Prof Econ Dir, SD St Univ (03) 02, 07, 08.
b. 1913; M-2.
BS 1938 SD St Univ; MS 1942, PhD 1950 Cornell Univ.
Fields: 112, 118, 017, 035.
Prev Emp: Consultant, St of Minas Gerais & Ford Found, Belo/Horizonte 1964-67;

Adm, FAS-USDA, Washington DC 1958-61; Dir, Agr Res, SD St Univ, Brookings 1957-58.
Pub: Land Tenure Processes in South Dakota Thesis, Cornell Univ 1949; Ours to Hold It High (History Book) Washington DC 1947; U.S. International Economic Policy in an Interdependent World, Washington DC 1971.
Lang: Por 1-2-3, Sp 2-3-3.
Mbr: IAAE, ASFM&RA; College VP.
Hon: Am Men & Women of Sci, Who's Who in America.

MYERS, Walter M., 45 Cardinal Drive, Westfield NJ 07091; PH 201-233-0700.
Dir of Research, Connell Rice &Sugar Co, (50) 07, 15.
b. 1943; M.
PhD 1973 OK St Univ.
Fields: 081, 016.
Pub: Needed Improvements in Application of Models for Agriculture Commodity Price Forecasting, AJAE 1975.
Mbr: AEA; WAEA.

MYRICK, Dana H., Dept of Econ & Agr Econ, MT St Univ, Bozeman MT 59715; PH 406-994-3701.
Assoc Prof, MT St Univ (03) 08, 07.
b. 1916; W-2.
BS 1939 MT St Univ; MS 1963, PhD 1965 MT St Univ.
Fields: 013, 141, 055, 063.
Prev Emp: Owner, Ins & Real Estate Agency Bozeman MT 1951-61; Asst Mgr, Farmers UN GTA, Bozeman MT 1945-50.
Lang: Fr 3-0-0.
Mbr: WAEA.

MYRICK, James E., 200 Mumford Hall, Dept of Agr Econ, Univ of MO, Columbia MO 65201; PH 314-882-7426.
Res Asst, Univ of MO (03) 23, 07.
b. 1947; M.
BS 1969 Central Ct St Univ; MS 1976 Univ of MO.
Fields: 118.
Prev Emp: Devl Off, Govt of Tanzania, Dar es Salaam, 1972-74; Bus Teacher, Overseas Schools, South America and Africa 1969-72.
Lang: Sp 3-3-2, Fr 3-3-2.

NAGARAJAN, P., Economics Department, Univ of PEI, Charlottetown, PEI, Canada.

NAGY, Joseph G., Agr Canada Econ Branch, Res Division, Sir John Carling Bldg, Ottawa, Ontario, Canada K1A 0C5.

NAIVE, James J., ERS-USDA, Washington DC 20250; PH 202-447-8636.
Agr Econ, USDA (16) 07, 06, 15.
b. 1930 Indiana; M-1.
BS 1952, MS 1956 Purdue Univ.
Fields: 018, 016, 014, 081.
Prev Emp: Agr Econ, ERS-USDA, Washington DC 1963 - --.
Pub: Wheat Situation, USDA, Continuous; Rice Situation, USDA, Continuous.
Lang: Ger 3-3-3, Rus 3-3-3.
Mbr: Intl Conf of Agr Econ; Purdue Alumni Assoc.
Hon: Superior Serv Award, USDA.

NAMEJUNAS, Alfred L., 117 W Spring Street, Chippewa Falls WI 54729; PH 715-723-5561.
Editor, WI Farmers Union (70) 27, 07, 18.
b. 1921 Illinois; M-2.
BS 1947, MS 1953 Univ of WI-Madison.
Fields: 017.
Prev Emp: Agr Instr, Marshfield WI 1949.
Lang: Lithuanian 3-3-2.
Mbr: Farmer's Union Press Assoc, Pres. 1960-65.

NAMISI, Richard W., PO Box 231, Kitale, Kenya, East Africa.

NARAYANAN, Adachani S., Rural Devl Studies Bureau, PO Box 900, Lusaka, Zambia.
Sr Res Fellow, Univ of Zambia (03) 07, 08.
b. 1934 India; Citz: India; M-2.
BS 1955, MS 1961 Banaras Hindu U. India; PhD 1972 Univ of IL.
Fields: 026, 073, 011, 061.
Prev Emp: Res Assoc, Univ of IL, Urbana, 1972-74; Res Assoc, Indian Inst of Mgmt, India 1964-68; Mktg Off, Govt of India, 1961-64.
Pub: Estimation of Trade Off Between Sedimentation and Farm Income, Jour of Soil and Water Cons 1972.
Lang: Tamil; Other: Eng 1-1-1, Ger 2-2-0.
Mbr: SID.

NASH, Darrel A., Cost Benefit Br, U.S. Nuclear Regulatory Comm, Washington DC 20555; PH 301-492-7906.
Sr Cost Benefit Anal, U.S. Nuclear Reg Comm (36) 22, 07, 06.
b. 1936 Colorado; M-3.
AA 1956 Ft Lewis College; BS 1958 CO St Univ; MS 1960 MT St Univ; PhD 1964 Univ of IL.
Fields: 027, 026, 075, 081.
Prev Emp: Br Chf, Ntl Marine Fisheries, Washington DC 1965-73; Res Econ, Bur of Land Mgmt, Washington DC 1964-65.
Pub: Optimum Plans for Contract Egg Production in Southwestern Illinois, Dissertation 1964.

NASUTION, Abdul G., JL S Parman 73, Jakarta, Indonesia; PH 5-9100.
Chf Mktg Devl, Am Lubis (78) 18, 06, 11.
b. 1936 Indonesia; Citz: Indonesia; M-3.
Drs 1968 Univ of Indonesia; MS 1975 Univ of TN.
Fields: 014, 016, 017, 081.
Prev Emp: Chf Adm, D G of Estates, Jakarta, 1969-75; Sec. Directorate of Rubber, Jakarta, 1967-69; Internal Auditor, Dept of Plantation, Jakarta 1964-67.
Lang: Indonesian; Other: Eng 1-1-1, Ger 3-3-3.

NATTARADOL, Pittayapol, Tha Bank for Agr and Agr Cooperatives, Bangkok, Thailand.

NAKAZAWA, Anthony T., 828 Riley Drive, Albany CA 94706.

NEENAN, Bernard F., 1094 McCarty Hall, Dept of Food & Res Econ, Univ of Florida, Gainesville FL 32611.

NEFSTEAD, Ward E., 908 Eighth Avenue NW Waseca MN 56093.

NEHMAN, Gerald I., 505 King Avenue, Columbus OH 43201; PH 614-424-6424.
Devl Econ, Battelle-Columbus Lab (70) 07.
b. 1942 New Jersey; M-2.
BS 1964 Rutgers Univ; MS 1967 Univ of RI; PhD 1973 OH St Univ.
Fields: 073, 038, 026.
Pub: Measuring Farm Level Credit Use: A Brazilian Example, Agr Finance Review, 1975; Land Use and Environmental Planning: An Application in the South Carolina Coastal Zone, Water Res Bull. 1975; Development of an Economic Environmental Trade Off Model for Industrial Land Use Planning, Rev of Regional Studies 1974.
Lang: Por 3-2-2, Sp 1-3-3.

NEIGH, Harold E., 2 Weaver Bldg, PA St Univ, University Park PA 16802; PH 814-865-2561.
Assoc Prof, PA St Univ (03) 09.
b. 1926 Pennsylvania; M-2.
BS 1950, MS 1966 PA St Univ.
Fields: 053, 018, 015.
Prev Emp: Mktg Agent, PA St, Pittsburgh, 1956-59; Mktg Spec, USDA-AMS-Fruit & Vegetable Div, PACA, Chicago 1954-56; Fruit & Vegetable Inspector, Pittsburgh Prod Insp Agency 1952-54.
Pub: Selected Socioeconomic Factors Associated With Consumer Response to Retail Meat Price Specials, PSU 1966; Evaluation of Film Strip-Cassette for Increasing Consumer Competency of Low Income Families, PSU 1974.
Mbr: ACCI.

NELLIS, Richard E. Jr., RD 2, Box 177, Middleburg PA 17842; PH 717-837-3133.
Lecturer, Lyroming College (03) 08, 07.
b. 1929 New York; M-1.
AB 1952 Cornell Univ; MA 1968 Bucknell Univ; PhD 1976 PA St Univ.
Fields: 112, 110, 141, 124.
Prev Emp: Lecturer, Susquehanna Univ PA 1975; Asst Prof, Williamsport Comm College, PA 1968-75; Prod Mgr, Walnut Acres Inc, PA Creek, PA 1962-68.
Pub: Foreign Direct Investment in the U.S. Food System, PhD Dissertation 1976; Some Aspects of Public Policy Toward Business in Yugoslavia, MA Dissertation 1968.
Lang: Rus 2-3-2, Fr 2-3-2.
Mbr: AEA; EEA.
Hon: Omicron Delta Epsilon.

NELSON, A. Gene, Dept of Agr & Res Econ, OR St Univ, Corvallis OR 97331; PH 503-754-1484.
Assoc Prof, OR St Univ (03) 09, 07, 08.
b. 1942 Illinois; M-2.
BS 1964 Western IL Univ; MS 1967, PhD 1969 Purdue Univ.
Fields: 012, 084.
Prev Emp: Res Asst, Purdue Univ, 1964-69.
Mbr: WAEA; ASFM&RA.

NELSON, Aaron G., NRED-ERS-USDA, 301 W. Congress, Tucson AZ 85701; PH 602-792-6275.
Agr Econ, ERS-USDA (16) 07, 01.
b. 1911 Idaho; M-1.
BS 1937 UT St Univ; MS 1939, PhD 1949 IA St Univ.
Fields: 013, 020, 017, 011.
Prev Emp: Prof & Agr Econ, Univ of AZ, 1958-67; Dir of Res & Educ, Farm Credit Banks, Omaha NE 1945-57; Agr Econ, Bur of Agr Econ, USDA, Washington DC 1943-45.
Pub: Agricultural Finance, 6th Edition, IA St Univ Press 1973; Costs and Returns for Major Field Crops in Central Arizona, AZ Agr Exp Sta 1965; Credit as a Tool for the Agricultural Producer, NE Agr Extension Service 1957.
Lang: Swe 2-3-2, Ger 3-0-0.
Mbr: ASFM&RA; AZ-SFM&RA, Sec/Treas 1962-67; WAEA.
Hon: Who's Who in the West; Am Men & Women of Science; Community Leaders of Am; Gamma Sigma Delta; Alpha Zeta; WAEA Cert of Merit.

NELSON, Clarence A., PO Box 5002, Red Deer, Alberta, Canada T4N 5Y5; PH 403-343-5358.
Farm Mgmt Spec, Govt of Canada (78) 20, 27.
b. 1939 Colorado; M-2.
BS 1966, MS 1968 CO St Univ.
Fields: 011, 158, 014.
Prev Emp: Reg Farm Econ, Alberta Dept of Agr, Vermillion, Alta, 1969-73; Res Asst, CO St Univ 1966-68; Welder, U.S. Army, Germany & U.S. 1962-64.
Mbr: CAES.

NELSON, David C., Moorhead St Univ, Moorhead MN 56560; PH 218-236-2762.
Dean, Bus Ind & Applied Progs, Moorhead St Univ (03) 02, 08.
b. 1931 Minnesota; M-2.
BBA 1958 Univ of MN; MS 1960 ND St Univ; PhD 1964 Univ of NE.
Fields: 014, 095, 101.
Prev Emp: Prof & Chrmn of Dept, Moorhead St Univ, MN 1974-75; Prof & Chrmn, Univ of Yaounde, Cameroon 1972-74; Dir. Upper Great Plains Transp Inst, ND St Univ, Fargo, 1967-71.
Pub: Demand Elasticity: Relevance to R.R. Ratemaking Philosophy, ICC Practioners Jour 1972; Our Segmented Transportation, Yearbook of Agriculture 1971; History Background of Transportation in Trans-Missouri West, Univ of NE Press 1967.
Lang: Fr 2-0-2.
Mbr: AEA; WAEA.
Hon: Am Men & Women of Science; Intl Scholar Dir; Gamma Sigma Delta.

NELSON, David K., 1801 Broadway, Helena MT 59601.
(26) 27.
b. 1947 Montana; U.
BS 1969, MS 1972 MT St Univ.
Fields: 026, 027, 081.
Lang: Rus 2-0-2, Nor 2-0-2.
Mbr: AEA; WEA.

NELSON, Dennis G., Box 5123, Fargo, North Dakota 58102.

NELSON, Douglas C., Valley Center, Suite 2120, 201 North Central Avenue, Phoenix AZ 85073; PH 602-257-7900.
Real Estate Rep, NW Mutual Life Ins (51) 20, 10, 05.
b. 1946 Nebraska; U.
BS 1968, JD 1971, MS 1973 Univ of NE-Lincoln.
Fields: 021, 012, 094, 022.
Prev Emp: Instr, Univ of NE, Lincoln 1971-73.
Pub: Legal Implications of Feedlot Pollution, Univ of NE Exp Sta 1973; Economies of Size and Plant Utilization of Anhydrous Ammonia Fertilizer, Univ of NE Exp Sta 1973.
Mbr: NE Bar Assoc; Am Bar Assoc; Am Water Resources Assoc; SCS.
Hon: Alpha Zeta; Omicron Delta Epsilon; Am Jurisprudence Award.

NELSON, Frederick J., ERS, NEAD, 500 12th Street SW, Washington DC 22150; PH 202-447-7621.
Agr Econ, USDA (16) 07, 15, 19.
b. 1939 Washington DC; M-2.
BS 1963 Univ of MD; PhD 1975 Univ of MN.
Fields: 016, 017, 081, 018.

Pub: An Economic Analysis of the Impact of Past Farm Programs on Livestock and Crop Prices, Production & Resource Adjustments, Univ of MN 1975; Economic Consequences of Federal Farm Commodity Programs, 1953-72, Agr Econ Res 1975; Agriculture in the Vietnam Economy, A System for Economic Analysis, USDA-FDD Field Report 32, 1973.
Hon: Gamma Sigma Delta; USDA Certificate of Merit & Cash Award.

NELSON, Gary S., 21 Vista Terrace, Guelph, Ontario, Canada.

NELSON, Glenn L., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-493-2251.
Asst Prof, Purdue Univ (03) 07, 08, 09.
b. 1944 Minnesota; M.
BS 1965 Univ of MN; MA 1967 Stanford Univ; PhD 1973 MI St Univ.
Fields: 070, 030, 081, 017.
Prev Emp: Br Chf, Cost of Living Council, Washington DC 1973-74; Econ, Off of Econ Opportunity, Washington DC 1971-73; Cons. MI Dept of Educ, Lansing MI 1970-71.
Pub: Financing of Higher Education, Dissertation 1973; Feed & Agr Policy in 1971-74; Reflections on Controls, Federal Contract 1974; International Food Policy Issue & Domestic Price Stabilization, Federal Contract 1975.
Mbr: AEA; ASA; Econometric .
Hon: Alpha Zeta; Gamma Sigma Delta.

NELSON, James R., Dept of Agr Econ, 513 Agr Hall, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Asst Prof, OK St Univ (03) 09, 07.
b. 1944 Texas; M-2.
BS 1966, MS 1968 TX Tech Univ; PhD 1974, OK St Univ.
Fields: 035, 043, 047, 011.
Prev Emp: Asst Prof, Univ of ID, Moscow 1974-75.
Pub: Systems Planning of Economic Development, AJAE 1975; A Simulation Game Teaching Aid for R.D., SJAE 1975; Subsidized Labor Mobility, Annals of Regional Science 1973.
Mbr: SAEA; WAEA; W. Reg Sci Assoc.

NELSON, Larry L., 500 Sagamore Parkway West, Suite 1AB, W. Lafayette IN 47906; PH 317-463-7592.
Exec V. Pres, Snyder Assoc Inc. (51) 01, 14.
b. 1941 Illinois; M-4.
BS 1962 So. IL Univ; MS 1964, PhD 1971 Purdue Univ.
Fields: 083, 084, 082.
Prev Emp: Instr, Purdue Univ 1966-71.
Pub: Agriculture, The Year in Review, World Book Encyclopedia Yearbook, Annually; Profit Planning and Control, AFMA 1969; A Computer Oriented Decision Analyzer for Meatpacking Management, Purdue Univ 1974.
Lang: Fr 3-0-0.
Mbr: ORSA.
Hon: STOKDYK Award - Am Inst of Cooperation.

NELSON, Mack C., 404 Mumford Hall, Dept of Agr Econ, Univ of Illinois, Urbana IL 61801; PH 217-333-2616.
Grad Res Asst, Univ of IL (03) 23.
b. 1947 Mississippi; M-1.
BS 1970 Alcorn A&M College; MS 1974 Tuskegee Inst; 1-1/2 yr Univ of IL.
Fields: 011.
Prev Emp: Asst Co Supr, FmHA (USDA), MS 1970.

NELSON, Paul E., NEAD-ERS-USDA, 500 12th Street SW, Washington DC 20250; PH 202-447-7348.
Agr Econ, NEAD-ERS-USDA (16) 07, 08.
b. 1921 Missouri; M-1.
BA 1943 Oberlin College; MA 1946 Am Univ; PhD 1949 IA St Univ.
Fields: 050, 100, 062, 085.
Prev Emp: Vstg Prof, MI St Univ, E. Lansing 1971; Vstg Prof, Univ of MN, St Paul 1968; Vstg Prof, Univ of CA, Berkeley 1965.
Pub: Price Merchandising in Food Retailing, Univ of CA 1966; Input Market Research, Yesterday, Today, Tomorrow, MI St Univ 1973; Organization and Control of the U.S. Food & Fiber Sector AJAE, Dec 1973.
Lang: Sp 2-3-3, Fr 2-3-3.
Mbr: WFEA; AEA.

NELSON, Ted R., Rm 513, Agr Hall, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Prof, OK St Univ (03) 09, 02, 07.
b. 1931 Nebraska; M-3.
BS 1953, MS 1959 Univ of NE; PhD 1964 OK St Univ.
Fields: 012, 011, 017, 013.
Prev Emp: Asst Prof, Univ of NE 1959-61, 1963-65; Co Ext Agent, Univ of NE, Pawnee City NE 1956-58.
Pub: Changing U.S. Sour & Repereuss of Real Estate Value, OK St U., 1966.
Lang: Sp 3-0-0.
Mbr: SAEA, V. Pres. 1974-75; OK-SFM&RA Sec/Treas 1973-76.

NELSON, William C., Dept of Agr Econ, ND St Univ, Fargo ND 58102; PH 701-237-7441.
Assoc Prof, ND St Univ (03) 07, 08.
b. 1941 North Dakota; M-2.
1959-60 Concordia College; BS 1965 ND St Univ; MS 1966 Univ of AZ; PhD 1971 OH St Univ.
Fields: 011, 020, 030, 073.
Prev Emp: Res Assoc, OH St Univ, Columbus OH 1967-69; Res Asst, Univ of AZ, Tucson 1966-67.
Pub: Rural Water Systems in North Dakota, Agr Econ ND St Univ 1975; Lower Cheyenne River Basin, ND St Univ 1974; Satellite Communities in North Dakota, ND St Univ 1973.
Lang: Por 2-3-2, Sp 2-3-3.
Mbr: WAEA; IAAE.
Hon: Who's Who in ND; Alpha Zeta; Gamma Sigma Delta.

NESIUS, Ernest J., Dept of Agr Econ, WV Univ, Morgantown WV 26506; PH 304-293-3231.
Benedum Prof, WV Univ (03) 07, 08.
b. 1912 Indiana; M-3.
BSA 1935 Purdue Univ; MSA 1937 Univ of KY; PhD 1950 IA St Univ.
Fields: 031, 073, 112, 032.
Prev Emp: Asst Dir Agr Econ, USAID, Vietnam 1970-72; V. Pres for Off Campus Educ, WV Univ, Morgantown, 1968-70; V. Pres. Ext and Cont Educ, WV Univ 1963-68.
Pub: On Policy & Plans for Rural Economic Development, JNAEC 1973; The Rural Society in Transition, WVU 1966.
Mbr: AEA; AAAS; NAEC.
Hon: Who's Who in Am; Ldrs in Educ; Am Men & Women of Science; Dist Prof in Agr Econ; Fellow, Natl Univ Ext Assoc.

NESSELROAD, Paul E., 2030 Agr Sci Bldg, WV Univ, Morgantown WV 26506; PH 304-293-3231.
Assoc Prof, WV Univ (03) 08, 07.
b. 1924 Kansas; M-2.
BS 1947, MS 1955 WV Univ; PhD 1969 PA St Univ.
Fields: 012, 013, 096, 062.
Prev Emp: Dep Dir, Savings Bonds, Div. U.S. Treasury, Charleston WV 1951-54; Vo Agr Tchr, Co Board of Educ, Romney WV 1947-50.
Pub: Optimum Farm Organization for a Portion of the Appalachian Plateau, Dissertation PA St Univ 1969; A Budgetary Analysis for Large Dairy Operations in WV, Agr Exp Sta WV 1972; Economic Evaluation of the Butterfly Orchard Design for Mechanical Harvesting, WV Agr Exp Sta 1974.
Lang: Fr 2-0-0, Sp 2-0-0.
Hon: Am Men & Women of Sci; Alpha Zeta; Gamma Sigma Delta; Phi Delta Kappa.

NEUMAN, Duane F., 3108-C Library, NC St Univ, Raleigh NC 27607; PH 919-737-247?
Ext Assoc Prof, NC St Univ (03) 09, 08, 07.
b. 1936 Nebraska; M-2.
BS 1957, MS 1960 Univ of NE; PhD 1963 Univ of IL.
Fields: 012, 013, 011.
Prev Emp: Asst Prof, NC St Univ, Raleigh 1963-71; Grad Asst, Univ of IL, Urbana 1960-62; Grad Asst, Univ of NE, Lincoln 1957-59.
Pub: The Ownership and Transfer of Real Property in North Carolina, NC St Univ 1975; North Carolina Agriculture, NC Agr Ext Service 1974; Planning for Profit: Forage Crops, NC Agr Ext Service 1975.
Lang: Sp 3-3-3.
Mbr: SAEA.

NEUMEIER, Clarence E., 507 Sturm, Walla Walla, Washington 99362; PH 509-525-5196.
(76)
b. 1907 Iowa; M.
BAE 1929 Whitman College
Fields: 033, 012, 011.
Prev Emp: Econ, Corps of Engineers, WA 1948-65; Agr Econ, Bureau of Reclamation, Merced CA 1948; Chf Clerk, Forest Service, Berkeley CA 1946-47.
Mbr: WAEA.
Hon: Am Men & Women of Science.

NEWBORG, Michael, 2431 North Utah Street, Arlington VA 22207.

NEWELL, William F., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47906; PH 317-749-2066.
Res., Purdue Univ (03) 09, 20, 10.
b. 1945 New York; M.
BS 1968 Cornell Univ; MS 1973 Purdue Univ.
Fields: 011, 012, 014, 018.
Prev Emp: Grad Res., Purdue Univ 1971-75; Grad Asst-Tchg Purdue Univ 1972.
Pub: An Analysis of Farm to Plant Milk Assembly, MS Thesis Purdue 1973; Methods of Reducing Farm to Plant Milk Assembly Costs, Purdue Agr Ext Sta 1974.
Lang: Sp 3-3-3.
Hon: Phi Kappa Phi, Sec. 1967-68, Pres. 1975-76; Allison Mann Brotherhood Award (Cornell Univ); Outstanding Alumnus Service Award.

NEWMAN, Mark D., Dept of Agr Economics, MI St Univ, East Lansing MI 48824.

NEWSHAM, Gary L., Waters Hall, Dept of Economics, KS St Univ, Manhattan KS 66502; PH 913-532-6714.
Grad Res Asst, KS St Univ (03) 23, 07.
b. 1953 Nebraska; U.

BS 1975 KS St Univ.
Prev Emp: Vet Asst, Harless Animal Clinic, Omaha NE 1970-75.
Mbr: WAEA.

NDIMBO, Gerald H., Regional Agr Devl Office, Box 5163, Arusha, Tanzania, E. Africa.

NGUYEN, Khai Q., Food & Resource Econ, McCarty Hall, Univ of Florida, Gainesville FL 32611; PH 904-392-1886.
Grad Student, Univ of FL (03) 23, 07, 04.
b. 1941 Vietnam; Citz: Vietnam; M.
BS 1965 College of Agr, Saigon, Vietnam; MS 1976 Univ of FL.
Fields: 014, 051.
Prev Emp: Chf of Agr Mktg Serv, Dir of Agr Econ, Saigon, 1971-73; Lt, Agr Br, Quarter Master Dept, Giadinh, Vietnam 1968-71; Chf, Dem Farm, Rur Devl Dept, Vung- Tau Vietnam 1965-68.
Lang: Vietnamese; Other: Eng 1-2-2, Fr 1-2-3.
Hon: Omicron Delta Epsilon.

NGWASHI, A. Eric, Univ of Zambia, School of Agr Science, PO Box 2379, Lusaka, Zambia, C. Africa.
Asst Prof, Natl Univ of Zaire (03) 07, 23.
b. 1942 Zaire; Citz: Zaire; M-4.
BA 1969 Univ of Zaire; MS 1972, PhD 1975 Univ of MA.
Fields: 011, 012, 081, 073.
Prev Emp: Dept Asst, Univ of MA, Amherst, 1975-76; Asst Prof, Univ of Zaire, Kinshasa, Zaire 1974-75.
Lang: Bemba; Other: Fr 1-1-1, Eng 1-1-1.
Mbr: NAEC; Natl Econ Club; IAAE.
Hon: Who's Who in Am; Dir of Am Scholars; Am Men & Women of Science.

NICHOLLS, William H., Dir, Center for Latin Am Studies, Box 1806, Station B, Nashville TN 37203; PH 615-322-2527.
Professor, Vanderbilt Univ (03) 02, 07, 08.
b. 1914 Kentucky; M-2.
AB 1934 Univ of KY; MA 1938, PhD 1941 Harvard Univ; Post-Doctoral, Univ of Chicago.
Fields: 017, 073, 062.
Prev Emp: Asst Prof of Econ, Univ of Chicago 1944-48; Assoc Prof, IA St College, Ames, 1938-44.
Pub: Imperfect Competition Within Agricultural Industries, Ames IA 1941; Labor Productivity Functions in Meat Packing, Chicago IL 1948; Structure & Productivity of Brazilian Agriculture, Nashville TN 1967-71.
Lang: Por 1-1-1, Sp 2-2-0.
Mbr: AEA; SEA, Pres 1960; Latin Am Studies Assoc.
Hon: Who's Who in Am; Am Men & Women of Science; Fellow AFEA 1967; Branscomb Dist Prof, Vanderbilt 1973.

NICHOLS, John P., Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-5911.
Assoc Prof, TX A&M Univ (03) 07, 08.
b. 1941 New York; M-3.
BS 1963 Cornell Univ; MS 1965 MI St Univ; PhD 1968 Cornell Univ..
Fields: 014, 024, 051.
Prev Emp: Asst Prof, TX A&M Univ, College Station TX 1968-72; Res Asst, Cornell Univ, Ithaca NY 1965-68.
Pub: Trends in Catch-Effort Relationship With Economic Implications: Gulf of Mexico Shrimp Fishery 1975; An Evaluation of Market Order Grade Changes Using Covariance Analysis, SJAE 1972.
Mbr: AEA; AMA; SAEA.
Hon: Am Men & Women of Science; Phi Tau Sigma.

NICHOLS, Thomas E., Dept of Economics, P O Box 5576, NC State Univ, Raleigh NC 27607.

NICHOLSON, Raymond C., Dept of Economics, Univ of Saskatchewan, Saskatoon, Sask, Canada S7N OWO; PH 306-343-2239.
Professor, Univ of Saskatchewan, (03) 08, 07, 09.
b. 1925 Canada; Citz: Canada; M-2.
BSA 1950, MS 1957 Univ of Manitoba; PhD 1961 Purdue Univ.
Fields: 011, 012, 096, 017.
Pub: Study of Utility Wheats, Univ of Sask, Canada 1975.
Mbr: CAES; AIC.

NICHOLSON, Vessie H., 1100 Sarasota Drive, Lafayette IN 47905.
Retired (76) 26
b. 1904 Indiana; M.
BSA 1928 Purdue Univ; MS 1940, PhD 1943 Cornell Univ.
Fields: 014, 083.
Hon: Alpha Zeta; Sigma Xi; Phi Kappa Phi.

NICKEL, Paul E., Natural Res Inst, Univ of Manitoba, Winnipeg Manitoba, Canada R3T 2N2.

NICOL, Kenneth J., Dept of Economics, 260 East Hall, Iowa St Univ, Ames IA 50010; PH 515-294-1183.
Asst Professor, IA St Univ (03) 07, 08.
b. 1944 Canada; Citz: Canada; M.
BS 1966, MS 1969 Univ of Alberta; PhD 1974 IA St Univ.
Fields: 017, 011, 026, 083.
Mbr: CAES.
Hon: Sigma Xi; AAEA Published Res 1973.

NICKERSON, Eric A., Giannini Hall, Dept of Agr Econ, Univ of California, Berkeley CA 94720.

NIELSEN, Aldon D., Bureau of Reclamation, 18th & C Street NW, Washington DC 20240; PH 202-343-2148.
Chf, Econ & Prog Anal Br, Bureau of Reclamation (13) 06, 19, 18.
b. 1922 Nebraska; M-4.
BS 1948 Univ of NE.
Fields: 021, 026.
Prev Emp: Contracts & Repayment Spec, Bureau of Reclamation, Washington DC 1963-65; Reg Agr Econ, Bureau of Reclamation, Denver CO, 1960-63.
Pub: Socioeconomic Impacts of the Federal Reclamation Program, Proceedings of the First World Congress on Water Resources, Intl Water Resources Assn 1973.
Mbr: U.S. Comm on Irr Drng & Flood Control; WAEA; IWRA.
Hon: Who's Who in Am; Who's Who in Govt; Meritorious Serv Award, US Dept of Interior.

NIELSEN, Gregers O., Tjelevej 23, 8833 Orumsdrl, Denmark; PH 0665-2453.
Lecturer, College of Agr, Vejlby (03) 08.
b. 1935 Denmark; Citz: Denmark; M.
BS 1965 Royal Vet & Agr College, Copenhagen; MS 1967 Univ of NH; MS 1969 Cornell Univ.
Fields: 151, 011, 080.
Prev Emp: Animal Husb Spec, FaJ Ldbf, Aarhus, 1968-69; Sr Systems & Plng Anal, LEC, Aarhus, 1969-72; Farm Mgmt Spec, RAH, Randers 1972-73.
Lang: Danish; Other: Ger 1-1-1, Fr 1-2-1.
Hon: Phi Sigma; NJF; Sigma Xi.

NIELSON, James, Agr Res Center, WA St Univ, Pullman WA 99163; PH 509-335-4563.
Dir, Agr Expt Station, WA St Univ (03) 02, 19, 18.
b. 1921 Kansas; M-2.
BS 1947 KS St Univ; MA 1951, PhD 1953 Harvard Univ.
Fields: 012, 093, 092, 017.
Prev Emp: Prof & Dept Chrmn, WA St Univ, Pullman 1965-71; Asst Prof-Prof, MI St Univ, E. Lansing 1951-65; Assoc Co Agr Agent, KS St Univ 1947-48.
Pub: The Change Agent and the Process of Change, Res Bull 17, MI Agr Exp Sta 1967; Needed Directions in Agricultural Economics Research, Proceedings of Northeast Farm Mgmt Res & Ext Committees 1970; Needed Development in Agricultural Econ Educ. Proceedings WAEA 1971.
Lang: Sp 3-0-0, Fr 3-0-0.
Mbr: IAAE; WAEA, Pres 1968-69; West Assoc of Agr Exp Sta Dirs, Chrm 1976.
Hon: Who's Who in Am; Am Men & Women of Science; Carnegie Fellow; Gamma Sigma Delta; Phi Kappa Phi.

NIERNBERGER, Floyd F., U.S. Grain Mktg Res Center, 1515 College Avenue, Manhattan KS 66502; PH 913-539-9141.
GS-13 USDA-ERS-CED (16) 07.
b. 1933 Kansas; M-2.
BS 1955, MS 1966, PhD 1969 KS St Univ.
Fields: 014, 015, 080, 073.
Prev Emp: Asst Prof, KS St Univ, Manhattan 1969-70; Supr, Purex Corp, St. Louis MO 1961-64; Supr, Ralston Purina Co, St Louis, MO 1955-61.
Pub: Econ Imp of Wheat Grades, Cereal Food World 1975; Grain Mkt Prac in Kansas, KS Agr Exp Sta 1975; Expt Opp for Selected Agr Pro, ERS-USDA 1975.
Mbr: AACC; AOM; WAEA.
Hon: Who's Who in Am.

NIETO, Manuel G., Dept of Agr Econ, Cordoba-BPO 246, Spain.
Prof, Escuela TS Ingenieros Agr (03) 07, 08, 09.
b. 1937 Spain; Citz: Spain; M-2.
Agr Eng 1963, Dr Agr Eng 1966 Madrid; Econ, 1972 Malaga.
Fields: 011, 016, 017.
Prev Emp: Agr Eng, Inst de Reforma y Desarrollo Agrario, Cordoba, 1963-72.
Lang: Spanish; Other: Eng 1-1-2, Fr 1-2-2.
Mbr: AES; Soc Francaise d'Econ Rurale; Eur Soc of Agr Econ.

NIGHTINGALE, Edmund A., 469 College of Business Adm, Univ of Minnesota, Minneapolis MN 55455; PH 612-373-3665.
Professor, Univ of MN (03) 26, 07.
b. 1903 Minnesota; M-2.
BBA 1933, MA 1936, PhD 1944 Univ of MN.
Fields: 104, 137, 019, 017.
Prev Emp: Prof (Asst-Assoc) Univ of MN, 1934 -72; Mbr, USDA, Trans & Mktg, Washington DC 1960-66; Cons to Dir of Military Traffic Serv, US Dept of Defense, Washington DC 1950-53.
Pub: A Critique of American Transportation Policy Developments, Interstate Commerce Comm Practitioners Jour 1963; Foreign Trade Via the St Lawrence Seaway, Univ of MN 1965; Some Effects of Recent Changes in theRlwy Gr-Rate Str. on Inter reg. Comp &Reg Devl, U. of NE Press 1967
Lang: Fr 2-3-3, Ger 2-2-2.
Mbr: AEA; Royal Econ Soc-UK; Assoc of ICC Practioners.
Hon: Am Men & Women of Science; Who's Who in Midwest; Who's Who in Railroading; Dist Transp Educ, Assoc Traffic Clubs of Am, 1966.

NIGHTINGALE, Ray W., Tech & Innovation, NEAD-ERS-USDA, Washington DC 20250; PH 202-447-3990.
Agr Econ, ERS-USDA (16) 07.
b. 1936 USA; M-2.
AS 1956 Ricker College; BBA 1961 Clark Univ; MS 1964 Univ of MA; PhD 1968 Cornell Univ.
Fields: 105, 014, 017, 112.
Prev Emp: Assoc Prof, Am Univ of Beirut, 1968-75; Res Asst, Cornell Univ 1964-68; Auditor, AMS-USDA, Worcester MA 1960-62.
Pub: The Modernization in Indian Milk Markets, Intl Agr Devl Bull 15, Cornell Univ 1969; Entrepreneurial Opportunities in Local Agr Mktg, CERES FAO Review 1973; Emerging Trade Patterns Among Selected Arab States, AUB Sc Paper 216, AJAE 1974.
Lang: Greek 0-0-3.
Mbr: AEA; SID.
Hon: Sigma Xi; Am Men & Women of Science.

NIKKOLA, Antti S., Bulevard 15A10, Helsinki, Finland.
Asst Dir, Finnish Mins for Agr & Forestry 01, 03.
b. 1934 Finland; Citz: Finland; U.
MS 1963 Univ of MN; PhD 1968 Helsinki Univ.
Fields: 011, 017, 110.
Prev Emp: Res Worker, Agr Econ Res Inst Helsinki 1960-68.
Pub: Zum Wert Des Feld Inventars (DISS) Helsinki 1968.
Lang: Finnish; Other: Eng 1-1-1, Ger 1-1-1.
Mbr: Finnish Econ Soc; Finnish Agr Sci Assoc.

NIKOLITCH, Radoje, 2727 29th Street NW Washington DC 20008.

NILES, James A., Food & Resource Econ, 1088 McCarty Hall, Univ of Florida, Gainesville FL 32611; PH 904-392-1881.
Asst Prof, Univ of FL (03) 09, 08, 07.
b. 1945 USA; M-1.
BS 1967, MS 1968, PhD 1972 Univ of CA, Davis.
Fields: 014, 016.
Pub: Hedging Strategies in FCOJ Future, Univ of FL 1975; A Simulation Model of Grower Processor Coordination in the Beet Sugar Industry, Univ of CA 1974.
Mbr: SAEA.

NIX, James E., Meat Animals Prog Area, ERS-CED-USDA, Rm 361, 500 12th Street SW, Washington DC; PH 202-447-8471.
Agr Econ, ERS-USDA (16) 07.
b. 1943 USA; M-2.
BS 1965, MS 1967 Univ of GA; PhD 1974 Clemson Univ.
Fields: 011, 018, 012, 081.
Pub: Grain Fed Versus Grass Fed Beef Production, Livestock & Meat Situation 1975; Response of Beef Prod in the South to Changes in Farm Level Beef Prices, SC Agr Exp Sta 1974.
Mbr: SAEA.

NIXON, Donald M., College of Agr, TX A&M Univ, Kingsville TX 78363; PH 512-595-3712.
Assoc Prof, TX A&M Univ (03) 08, 07.
b. 1935 Kansas; M-3.
1962-63 Univ of Denver; BS 1965, MS 1966, PhD 1969 CO St Univ.
Fields: 090, 141.
Prev Emp: Tchg Asst, CO St Univ, 1965-69.
Pub: Evaluation of Turkey Boning Techniques, Poultry Science 45 (5) 1111 & 46 (5); 1088-1093; Evaluation of Turkey Boning Costs, Poultry Meat & Turkey World 1968; Marketing Mode l for Merchandising Eggs, Dissertation, CO St Univ 1969.
Mbr: AMA; Coastal Bend Agr-Bus.
Hon: Sigma Xi; Who's Who in Am; Outstanding Educ; Personalities of the South; Am Men & Women of Science; Men of Achievement; Dict of Intl Biography.

NIXON, John W., Dept of Agr Econ, Conner Hall, Univ of Georgia, Athens GA 30602; PH 404-542-2565.
Asst Prof, Univ of GA (03) 040,017, 120.
b. 1937 North Carolina; M-2.
AA Lees McRae Jr College; BS 1959 Berea College; MS 1962 NC St Univ; PhD 1969 MI St Univ.
Fields: 040, 120, 017, 020.
Pub: Optimum Age and Wt of Broilers, NC St Agr Exp Sta 1965; Population Trends of GA Cities & Towns, Univ of GA Exp Sta 1972; Economic Development: Is This a Solution for Rural Poverty?, AJAE Dec 1970.
Lang: Fr 3-0-0.
Mbr: AEA; So. Reg Demographic Group; SAEA, Ed 1975-77, Ed Board 1972-74.
Hon: Who's Who in Am; Personalities of the South; Am Men & Women of Science; Who's Who in the South; Gamma Sigma Delta; Phi Theta Kappa; Phi Kappa Phi.

NOBE, Kenneth C., C-306 Social Sci Bldg, CO St Univ, Fort Collins CO 80523; PH 303-491-6324.
Prof & Chrmn, Dept of Econ, CO St Univ (03) 02, 08, 07.
b. 1930 Illinois; M-3.
BS 1953 So. IL Univ; MS 1954, PhD 1959 Cornell Univ.
Fields: 020, 073, 038, 141.
Prev Emp: Chf, Agr & Econ Br, Harza Eng Co Intl, Lahore, Pakistan 1964-65; Chf Econ, Bureau of Outdoor Recreation, Dept of Interior, Washington DC 1963-64.

Pub: Evolution and Administration of Colorado Water Law, Ft Collins Water Res Assn Inc 1976; The Role of Economic Evaluation in Planning for Water Resources Development, Natural Res Jour 1962; The Urbanization of the Open Country, JFE May 1958.
Lang: Ger 3-0-2, Sp 3-0-0.
Mbr: AEA; IAAE; SCSA.
Hon: Who's Who in Am' Who's Who in the World; Am Men & Women of Sci; Intl Scholars Dir; Natl Register of Prominent Am & Intl Scholars; Omicron Delta Epsilon.

NODLAND, Truman R., Dept of Agr & Applied Econ, Univ of Minnesota, St Paul MN 55108; PH 612-376-3563.
Professor, Univ of MN (03) 20, 08, 07.
b. 1907 Iowa; M.
BS 1934, PhD 1942 Univ of MN.
Fields: 012, 011.
Prev Emp: Res Asst, Univ of MN, St Paul, 1934-42.
Hon: Am Men & Women of Science.

NOEL, Jay Everett, 1317 Tulip Lane, Davis, CA 95616.

NOH, Kusairi M., Dept of Res Econ, Univ of Agr, Malaysia, Serdang Selangor, Malaysia; PH 355-425.
(03) 07, 08, 02.
b. 1948 Malaysia; Citz: Malaysia; M-2.
BS 1972 LA St Univ; MS 1974 Univ of GA.
Fields: 026, 014.
Lang: Malay; Other: Eng 1-1-1.
Mbr: AEA.

NOHRE, Carmen O., Foreign Demand & Comp. Div, ERS-USDA, Washington DC 20250; PH 202-447-9100.
Dept Dir, ERS-USDA (16) 06, 07.
b. 1926 Minnesota; M-3.
BS 1950, MS 1960, PhD 1963 Univ of MN.
Fields: 112, 016, 018.
Prev Emp: Chf, Int Monetary & Trade Br, FDID-ERS-USDA, Washington DC 1966-68; Asst Agr Attache, US Mission to European Communities, Brussels 1964-66.
Lang: Fr 1-0-2.
Hon: Gamma Sigma Delta.

NOLTE, Gerald M., Univ of Wisconsin, River Falls WI 54022; PH 715-425-3359.
Assoc Prof, Univ of WI (03) 08, 07, 09.
b. 1936 Illinois; M-2.
BS 1964 Univ of IL; PhD 1969 Univ of MN.
Fields: 012, 014, 062, 053.
Mbr: AEA; AAUP; TAUWF.

NORBY, Reginald R., Dept of Rural Econ, Univ of Alberta, Edmonton, Alta, Canada T6G2H1; PH 403-432-4225.
Adm, Univ of Alberta (03) 02, 07, 08.
b. 1947 Canada; Citz: Canada; M.
BS 1969, MS 1974 Univ of Alberta.
Fields: 014, 015, 017, 085.
Prev Emp: Res Assoc, Univ of Alberta, Edmonton 1971; Asst Anal, Univ of Alberta, Edmonton 1972.
Pub: Pork Promotion by Producers- An Evaluation, MS Thesis, Univ of Alberta, Canada 1974.
Mbr: CAES; AIC-AIA, Br Exec.

NORDHAUSER, Fred, 10618 Mt. Tipton, San Antonio TX 78213.

NORDIN, John A., Dept of Economics, KS St Univ, Manhattan KS 66502; PH 913-532-6702.
Professor, KS St Univ (03) 08, 07.
b. 1916 Minnesota; M-3.
BA 1935, MA 1937, PhD 1941 Univ of MN.
Fields: 064, 104, 062, 017.
Prev Emp: Prof, IA St Univ, Ames 1941-61.
Pub: Inferior Goods, Indian Econ Review 1969; The Normalized Vote Margins Method of Committee Voting, Revista Internazionale di Scienze Econ & Commerciali 1969; A Method of Replacement Analysis, The Engineering Economist 1961.
Lang: Ita 1-3-3.
Mbr: AEA; Econometric.
Hon: Who's Who in Am; Am Men & Women of Science; Phi Beta Kappa.

NORRIS, Joseph R., Agr Ind Office, Agr Bldg 226, Carbondale IL 62901; PH 618-453-5186.
Grad Student, So. IL Univ (03) 23, 07.
b. 1948 Illinois; U.
AA 1968 Rend Lake College; BS 1975 So. IL Univ.
Fields: 011, 013.
Prev Emp: E-4, US Air Force; TX & IL, Japan 1969-73.
Mbr: Farm Bureau; Agr Econ Club, Pres 1975; Block & Bridle, V. Pres 1974-75.

NORTH, Ronald M., Univ of Georgia, Athens GA 30602; PH 404-542-1555.
Assoc Dir, Inst Natural Resources (03) 01, 02, 07.
b. 1934 Georgia; M-3.
BS 1954 Clemson Univ; MS 1957 Cornell Univ; PhD 1965 Clemson Univ.
Fields: 020, 021, 026, 025.
Prev Emp: Sci Adv, Off, Sec of the Army, Washington DC 1974-75; Dir, Econ Devl Center, W. Carolina Univ 1969-70.
Pub: The Measurement of Impacts..Watershed Water Res Bull. 1974; Approaches to Multiobjective Planning, Water Resources Research 1975; A Portfolio Approach to Decision Making, Water Resources Res. 1976.
Lang: Sp 2-2-2.

Mbr: SEA; SAEA; AWRA, Chrm Fin Comm.
Hon: Danforth Grad Fellow.

NORTON, Daniel T., PO Box 4041, GPO Melbourne 3001 Australia.
Agr Econ Officer, Victorian Dept of Agr (78) 01, 20, 18.
b. 1952 Australia; Citz: Australia; M.
BAS 1974 Univ of Melbourne; 1974-76 Univ of New England.
Fields: 017, 012, 121, 044.
Mbr: IAAE; Aus AES.

NORTON, George W., Dept of Agr & Appl Econ, Univ of Minnesota, St Paul MN 55101; PH 612-376-3560.
Grad Res Asst, Univ of MN (03) 23, 07.
b. 1949 New York; M-1.
BS 1971 Cornell Univ; MS 1975 Univ of MN.
Fields: 073, 011, 016, 053.
Prev Emp: Volunteer, Peace Corps, Colombia 1971-73.
Pub: Consumer Markets in a Colombian Town, Jour of Consumer Affairs 1976.
Lang: Sp 2-2-2.

NOTT, Sherrill B., Agr Econ Dept, Agr Hall, E. Lansing MI 48824; PH 517-353-4522.
Asst Prof, MI St Univ (03) 09, 07, 08.
b. 1940 New Hampshire; M-2.
BS 1962 Univ of VT; MS 1963, PhD 1968 Cornell Univ.
Fields: 011, 013, 012.
Prev Emp: Asst Prof, Univ of NH, Durham 1968-73; Res Asst, Cornell Univ, 1965-68.
Pub: Corn Silage vs Alfalfa on Average Dairy Farms, MI St Univ 1974; Interactive Computer Costs for Calculating Dairy Rations, JNAEC 1973; New York Dairy Farm Growth, PhD Thesis Cornell Univ 1968.
Lang: Fr 3-0-0.
Mbr: ADSA.

NOVAK, James L., Box 277, Lot 37, RFD 2 Dover NH 03820.

NOVAKOVIC, Andrew M., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-749-2066.
Res Asst, Purdue Univ (03) 23, 07, 08.
b. 1953 Wisconsin; M.
BS 1974 Univ of WI, River Falls; 1974-76 Purdue Univ.
Fields: 112, 014, 080, 141.
Prev Emp: Asst to Mktg Anal, Farmers Union Central Exchange, St Paul, 1973-74; Summer Intern, Whitelaw Coop Exchange, WI 1972; Res Asst, Housing Dept, Univ of WI, 1971-73.
Lang: Ger 2-2-2.
Hon: Alpha Zeta.

NTALAJA, Kalonji, Faculte Sci Econ, UNAZA, Kinshasa, Rep du Zaire.
Prof, Univ Natl du Zaire (03) 08, 07.
b. 1940 Zaire; Citz: Zaire; M-3.
Licence 1966 ENDA; MA 1969 WA Univ, St Louis; PhD 1972 MO Univ, Columbia.
Fields: 082, 081, 075, 026.
Prev Emp: Asst Prof, ENDA, Kinshasa 1969-70.
Pub: C.D. Production Function for U.M.H.K. Cahiers Econ et Sociaux 1974; Structure de Production des Entreprises Zairoises Cashiers Econ et Sociaux 1975.
Lang: Tshiluba; Other: Lingala 1-1-1, Fr 1-1-1, Eng 1-1-1, Swahili 1-1-1.
Mbr: AEA; MAA; ES.

NUALVATNA, Kowit, Dept of Agr Ext, Bangkok, Thailand; PH 822-577.
Sr Agr Econ, Dept of Agr Ext (06)
b. 1942 Thailand; Citz: Thailand; M-1.
BS 1969 India; MS 1975 OK St Univ.
Fields: 020, 012, 017, 016.
Prev Emp: Entomologist, Govt of Thailand, Bangkok 1963-65.
Lang: Thai; Other: Eng 1-1-1.

NUCKOLS, Gray N. Jr., PO Box 5520, Lombardy & Moore Street, Richmond VA 23220; PH 804-354-8994.
Sec-Treas & Controller, Producers Coop, Inc. (52) 05, 10, 13.
b. 1932 Virginia; M-3.
BS 1953, MS 1962 VPI & St Univ; 1957-61 Univ of MD; 1961-63 USDA Grad School.
Fields: 091, 014, 013, 096.
Prev Emp: Agr Econ, Farmer Coop Serv, USDA, Washington DC 1961-63; Instr in Agr Econ, Univ of MD, College Park 1957-61; Res Asst, VPI & St Univ Blacksburg VA 1956-57.
Pub: The World Cashew Industry and U.S. Peanut-Cashew Demand Relationships, VPI & St Univ Res Rpt 72, 1963; Marketing Agreement and Order Programs-A Summary, News for Farmer Coops, USDA FCS 1961; Bargaining Coops Stir Interest, MD Farm Economics 1959.
Lang: Sp 3-3-3.
Mbr: NSAC; Natl Congres of Parents & Tchers, Chrmn Adv Comm to Board.
Hon: PTA Life Membership (VA Congress).

NUNEZ, Ruben D., Dept of Agr & Res Econ, Univ of Maryland, College Park MD 20783; PH 301-454-3810.
Res Asst, Univ of MD (03) 07, 23.
b. 1949 Dom. Republic; Citz: Dom. Rep; M-1.
BS 1971 TX A&M Univ; MS 1974 Univ of DE; 1 year, Univ of MD.
Fields: 016, 094, 112, 081.

Prev Emp: Res Asst, Univ of DE, Newark, 1972-74; Prof., Inst Supr de Agr, Dominican Republic 1972.
Pub: Food Export Controls, Univ of MD 1975; Studying the Feasibility of a Proposed Savings Branch Bank Under Uncertainty, Univ of DE 1975; Projection of Deposits for a Proposed Savings Br Bank: A Deterministic Approach, Univ of DE 1975.
Lang: Spanish; Other: Eng 1-1-1.
Mbr: IAAE; NAEC;FDRS.
Hon: Grad w/honors-TX A&M; Valedictorian, 2 Honors & 2 Agr Awards at Inst Supr de Agr.

NUNEZ-GUILLEN, Carlos A., Inst Superior de Agr, Apartado 166, Santiago, Dominican Republic; PH 582-6621.
Teacher, ISA (03) 08, 07.
b. 1948 Dominican Rep; Citz: Dom Rep; U.
MA 1975 TX A&M Univ.
Fields: 141, 093, 084, 073.
Lang: Spanish; Other: Eng 1-2-2.

NWACHUKWU, Stephen O., Ministry of Fin. and Econ Devl, Agr Unit, Planning Div, Owerri, Nigeria.
Prin Plng Officer, Public Serv Imostate Nigeria (40) 18, 15, 19.
b. 1938 Nigeria; Citz: Nigeria; M-4.
BS 1965 Univ of Nigeria; MS 1974 Univ of Guelph.
Fields: 012, 014, 083, 020.
Prev Emp: Sr Plng Off, Mins & Econ Devl, Enugu, Nigeria 1974-75; Agr Off, Mins of Agr, Enugu, Nigeria 1965-71; Secondary School Tchr, Catholic Mission, Umuahia, Nigeria 1959-61.
Pub: A Multi-Period Linear Programming Model for an Economic Evaluation of Cocoa-Oil Farm Settlement Small Holder Scheme in Nigeria, MS Thesis Univ of Guelph 1973.
Lang: Igbo; Other: Eng 1-1-1.
Mbr: CAES.

NWAGBO, Ethelbert C., 305 Mumford Hall, Dept of Agr Econ, Univ of Illinois, Champaign IL 61820; PH 217-333-2657.
Grad Student, Univ of IL.
b. 1944 Nigeria; Citz: Nigeria; M.
BS 1972 Univ of Nigeria, Nsukka; MS 1974 Univ of Guelph, Ontario, Canada.
Fields: 013, 012, 011, 073.
Prev Emp: Jr. Fellow, Univ of Nigeria, Nsukka, Nigeria 1972-73.
Lang: Ibo; Other: Eng 1-1-1.
Mbr: CAES.

NYANTENG, Victor K., Dept of Agr Econ OH St Univ, Columbus OH 43210; PH 614-422-8015.
Res Fellow, Univ of Ghana (03) 07, 08.
b. 1942 Ghana; Citz: Ghana; M-4.
BS 1968, MS 1969 Univ of Ghana; PhD 1976 OH St Univ.
Fields: 014, 090, 061, 016.
Pub: Economics of Yam Marketing in Ghana, Univ of Ghana 1969; Farmers and Marketing of Food Crops in Ghana Univ of Ghana 1972; Storage of Foodcrops in Ghana Univ of Ghana 1971.
Lang: Twi; Other: Eng 1-1-1, Fr 2-3-3.
Mbr: IAAE; WAFR AEA; Assoc of Agr Econ in Ghana, Sec 1971.
Hon: Fulbright Hays Scholar, OH St Univ.

NYBERG, Albert J., 1133 Sixth Avenue, New York NY 10036; PH 212-869-8500.
Agr Econ, Rockefeller Foundation (72) 04, 08, 07.
b. 1938 Missouri; U.
BS 1958 Univ of MO; MS 1962, PhD 1968 Cornell Univ.
Fields: 016, 017, 042.
Prev Emp: Res Assoc, Cornell Univ 1962-64.
Lang: Indonesian 2-2-2.
Mbr: IAAE.
Hon: Am Men & Women of Science.

NYGAARD, David F., 2405 Elliot Avenue South, Minneapolis MN 55404.

OAKLEAF, S. Kenneth, Adm Bldg, CO St Univ Fort Collins CO 80523; PH 303-491-6281.
Asst Dir, CO Coop Ext Serv (03) 02, 09, 18.
b. 1921 Iowa; M-3.
BS 1943 IA St Univ; MS 1972 CO St Univ.
Fields: 031, 017, 038.
Prev Emp: Ext Econ, Dept of Econ, CO St Univ 1960-72; Mgr. Central IA Farm Bus. Adm 1957-60; Self Employed IA 1951-57.
Pub: Local Communication With Agencies, Rocky Mountain-Hi Plains Park & Recreation, Journal 1974; New Dimensions in Food Production, CO Agr Roundup 1970; Around the Water Table, Farm Foundation 1966.
Mbr: CDS; Natl Pub Policy Educ Comm, Pres 1973-74.

OBARA, Alfonso M., Dept of Agr Econ, LA St Univ, Baton Rouge LA 70803; PH 504-388-1485.
Grad Asst, LA St Univ (03) 23.
b. 1947 Paraguay; Citz: Paraguay; U.
BS 1971 Univ of Asuncion; MS 1976 LA St Univ.
Fields: 012, 073.
Prev Emp: Grad Asst, LA St Univ, Baton Rouge 1976; Agr Proj Spec, Min de Agr y Ganaderia, Asuncion, Par. 1970- --.
Pub: A Procedure for Estimating Aggregate Beef Production in LA, MS Thesis.
Lang: Spanish; Other: Eng 1-1-1; Jap 2-2-1.

OBERMILLER, Frederick W., Agr & Res Econ, 232 Ext Hall, OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Asst Prof, OR St Univ (03) 09, 07, 22.
b. 1944 Missouri; M.
AB 1966, PhD 1969 Univ of MO, Columbia.
Fields: 035, 026, 088, 047.
Prev Emp: Asst Prof, Purdue Univ 1973-74; Asst Prof, SD St Univ, Rapid City 1971-73; Instr, Montgomery College, Washington DC 1970-71.
Pub: Sources Productivity Increase-Latin America, PhD Dissertation, MO 1969; Projected Growth Oregon Columbia River Basin, OR St Univ Ext Service 1975; Small Farm Agriculture-Studies, Purdue Univ Sta Bull. 101, 1975.
Lang: Sp 2-3-3.
Mbr: WAEA; OR Ext Assoc, CDS, OR Sec-Tr 1975-76.
Hon: Omicron Delta Epsilon; Gamma Sigma Delta; AAEA PhD Award 1970.

OBRECHT, Kenneth, FICB of St Louis, 1415 Olive, PO Box 431, St Louis MO 63166; PH 314-342-3200.
Econ, FICB of St Louis (36) 07, 15, 22.
b. 1945 Indiana; M-2.
BS 1968, MS 1969 So. IL Univ; 1971-74 WA Univ, St Louis.
Fields: 013, 081.
Prev Emp: Econ, Farmbank Res & Info Service, Omaha NE 1976-77 (on leave from FICB); Res Anal, FICB of St Louis 1969-75.
Pub: Factors Associated With Improved PLA Loan Quality, FICB of St Louis 1973; Sixth District Farm Family Living Expenses, FICB of St Louis 1975.

OBRIEN, George W., One Blue Hill Plaza, Pearl River NY 10965; PH 914-627-3314.
Econ, Dairylea Coop Inc (52) 15, 18, 19.
b. 1926 New York; M-2.
BS 1949 Cornell Univ; MS 1957 Rutgers Univ.
Fields: 014, 015.

OCARIZ, Ramon E., Alpasa Paseo Las Mercedes, Caracas 106 Venezuela; PH 044-71599.
Adm Mgr, Centralizacion-Haciendas-Palmar (51) 20, 15, 14.
b. 1939 Venezuela; Citz: Venezuela; M-3.
Econ 1966 Central Univ of Venezuela; MAE 1968 Univ of FL.
Fields: 012, 011, 019, 013.
Prev Emp: Farm Machinery Mgmt Res, Intersan CA, Caracas 1968-69; Coffee Mktg, Becablohm, Caracas 1966.
Lang: Spanish; Other: Eng 1-2-2.
Mbr: Modern Bus. Methods; Economist College.

O'CARROLL, Francis X., Dept of Agr Econ, Agr Adm Bldg, LA St Univ, Baton Rouge LA 70803; PH 504-388-3284.
Grad Student, LA St Univ (03) 07.
b. 1937 Ireland; Citz: Ireland; M-1.
BS 1961 Natl Univ of Ireland; MS 1971 LA St Univ.
Fields: 014, 017, 016, 073.
Pub: Analysis of Quality Factors Affecting Price of Rice in Louisiana, LA St Univ 1973.
Lang: Sp 3-3-3, Fr 3-3-3.

O'CONNOR, Carl W., Dept of Agr & Res Econ, 219 Ext Hall, OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Asst Prof, OR St Univ (03) 07, 08.
b. 1942 California; M-1.
Certificate of Food Dist 1965 Univ of So. CA; BS 1968 CA St Polytechnic Univ; MS 1972 Univ of MA; PhD 1974 OR St Univ.
Fields: 014, 015, 016.
Prev Emp: Asst Prof, IA St Univ, Ames, 1974-75; Instr, CA Poly, Pomona 1970-71.
Pub: Measurement of Economic Efficiency of Central Fabrication Versus Carcus Meat Handling Systems, AJAE 1975.
Mbr: WAEA; ACE of SBA.
Hon: Alpha Zeta; Gamma Sigma Delta.

O'CONNOR, Robert, 4 Burlington Road, Dublin 4 Ireland; PH 01-760115.
Prof-Dep Dir, Econ & Soc Res Inst (36) 07, 02.
b. 1916 Ireland; Citz: Ireland; M-4.
BAS 1940, MAS 1948, PhD 1954, DES 1975 Natl Univ of Ireland.
Fields: 011, 024, 085, 060.
Prev Emp: Res Prof, Sr Res Prof, Econ & Soc Res Inst, Dublin, Ireland 1967-74; Agr Econ-Stat, Central Staff Off, Dublin 1958-67.
Pub: Farm Business Analysis and Management, IUP, Dublin Ireland 1973; Agricultural Economics, Folens, Dublin, Ireland 1974; Input-Output Analysis and Its Applications, C. Griffin, London, England 1975.
Mbr: Br Agr Econ Soc; AES of Ireland, Pres. 1967-68; IAAE Co-Correspondant 1974-76.

ODEGAARD, Knut, P O Box 261, Mbabane, Swaziland.
Exp Agr Credit & Mktg, Intl Labor Org (61) 22, 18.
b. 1939 Norway; Citz: Norway; M-1.
BA 1965 College of Bus. Adm, Oslo, Norway; MPS 1973 Cornell Univ.
Fields: 014, 016, 017.
Prev Emp: Exp, Danida, Min of Foreign Affairs, Copenhagen, Dar Es Salaam, 1973-75; Asst Exp, Danida, Mins of Foreign Affairs, Mtwara, Tanzania 1968-71.
Pub: A Study on Agr Production Prices, Dar es Salaam 1974; An Analysis of Marketing Cost Structure, Dar es Salaam 1975.
Lang: Norwegian; Other: Eng 1-1-1, Fr 2-2-2.

O'DELL, Charles A., 2800 South 9th Street, St Louis MO 63118; PH 314-577-3508.
Mgr Commodity Plng, Anheuser-Busch Inc. (51) 15, 07, 14.
b. 1936 Texas; M-3.
BS 1960, MS 1962 TX Tech; PhD 1973 MD Univ.
Fields: 011, 081, 062, 063.
Prev Emp: Agr Econ, Cost of Living Council, Washington DC 1974; Agr Econ, USDA, Washington DC 1962-74; USDA Liason, USDA, Prairie View TX 1970-71.
Pub: U.S. Wool Marketing System, Wash. DC 1966; Capital Formation in Texas High Plains, Grain Handling Storage Industry, MD 1973; Rice & Wheat Situation, Washington DC 1975.
Mbr: WEA; ASA; AEA.

ODERKIRK, A. D., 218 West Alden Place, DeKalb IL 60115.

ODUPOY, Rhesa L., Mins of Agr, PO Box 30028, Nairobi, Kenya, Africa.

OEHRTMAN, Robert L., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Asst Prof, OK St Univ (03) 08, 07.
b. 1939 Ohio; M-2.
BS 1961 OH St Univ; MS 1964 OR St Univ; PhD 1970 IA St Univ.
Fields: 014, 081, 084, 094.
Pub: Objectives, Motives, Business Style and Personal History-How They Relate to Managerial Success, SJAE 1975; Regulation of Grain Transportation in the U.S. - A Historical Outline, OK Current Farm Economics 1974.
Lang: Sp 2-3-3, Fr 2-3-3.
Mbr: SAEA; WAEA.
Omicron Delta Epsilon; Am Men & Women of Science.

OESTERLE, Eric C., 605 Krannert Bldg, Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47906; PH 317-493-2150.
Professor, Purdue Univ (03) 09, 08, 07.
b. 1922 Pennsylvania; M-5.
BS 1947 Cornell Univ; MS 1949, PhD 1957 Purdue Univ.
Fields: 015, 014, 094, 093.
Pub: Financial Performance of Selected Independent Supermarkets in Five Regions of the U.S., Purdue 1975; Financial & Operational Standards for Supermarkets, NARGUS (Chicago) 1963.
Lang: Ger 2-2-2.
Hon: Sigma Xi; Gamma Sigma Delta; AAEA Tchg Award 1973; Ext Spec Award 1967; Ford Ind Award 1975.

OGAZ, Hector H., 10395 West Colfax, Denver CO 80215; PH 303-233-6558.
Sales Rep, Cryovac Div, W. R. Grace Co (51) 11.
b. 1947 New Mexico; M-1.
BS 1969, MS 1971 NM St Univ.
Fields: 012, 151.
Prev Emp: Sales Rep, CIBA-Geigy Corp.
Lang: Sp 2-3-1.

OGE, Sabri, Planning Econ Res, Mins of Agr, Ankara, Turkey.

OGG, Wallace E., 560 East Hall, Dept of Agr Econ, IA St Univ, Ames IA 50011; PH 515-294-3000.
Prof Emeritus, IA St Univ (76) 26, 08, 09
b. 1908 Iowa; M-3.
BS 1931, MS 1944 IA St Univ; MA 1948, PhD 1949 Univ of Chicago.
Fields: 017, 026, 032.
Prev Emp: Prof, IA St Univ, 1952-74; Asst-Assoc Prof, IA St Univ 1947-52; Co Agr Agt, IA St Univ 1935-38.
Pub: Food Goals, Future Structural Change and Agr Policy: A National Basebook IA St Univ Press 1969.
Hon: Phi Kappa Phi, Gamma Sigma Delta.

OGREN, Kenneth E., 11350 Orchard Lane, Reston VA 22090.
(76) 26.
b. 1918 Minnesota; M-3.
BS 1942, MA 1948, PhD 1951 Univ of MN; 1962-63 Princeton Univ.
Fields: 110, 017, 014, 018.
Prev Emp: Agr Attache, FAS-USDA, Am Embassy, 1972-76; Agr Attache, FAS-USDA, U.S. Delegation, Paris, 1967-70; Dir, MED-ERS-USDA, Washington DC 1961-67.
Lang: Fr 1-1-1.
Mbr: IAAE.
Hon: BS w/ High Distinction; Princeton Fellow in Public Affairs; Superior Serv Award - USDA.

OGUNRONBI, O., Dept of Agr Econ, Fac of Agr, Univ of Ife, Ile-Ife, Nigeria.

OGUT, Hasim, 57/9 Guvenlik Caddesi, Asagi Ayranci, Ankara, Turkey.

OKAY, John L., 440 W Adm Bldg, USDA, Washington DC 20250; PH 202-447-5809.
Prog Anal, Coop St Res Serve (23) 19, 07, 18.
b. 1942 Michigan; M-3.
BS 1964, MS 1967, PhD 1974 MI St Univ.
Fields: 136, 105, 092, 093.
Prev Emp: Prog Anal, Soil Conserv Serv, USDA, Washington DC 1974-75; Agr Econ, Soil Conserv Serv, USDA, E. Lansing MI 1967-73; Res Asst, MI St Univ, E. Lansing MI 1965-67.
Pub: Land Use & Mgmt in Great Lakes, Great Lakes Basin Comm, Ann Arbor MI 1974.
Lang: Sp 3-3-0.
Mbr: SCSA; ASPA.
Hon: Alpha Zeta.

OKELLO, Anthony S., Mins of Agr & Animal Resources, PO Box 102, Entebbe, Uganda; PH 2981.
Agr Off, Uganda Government (78) 14, 15, 06.
b. 1942 Uganda; Citz: Uganda; M-3.
BS 1967 Univ of RI; MS 1971 CA St Poly Univ.
Fields: 012, 013, 014.
Prev Emp: Dist Agr Off, Dept of Agr, Lira, Uganda, 1972-73; Lectr, Arapi Agr College, Sorot, Uganda 1972.
Lang: Acholi; Other: Eng 1-1-1.
Mbr: Uganda Agr Soc.

OLATUNBOSUN, Dupe, Niser Univ of Ibadan, Ibadan, Nigeria.

OLAYIDE, Samson O., Dept of Agr Econ, Univ of Ibadan, Nigeria; PH 62550-1513.
Prof, Univ of Ibadan (03) 02, 07, 08.
b. 1933 Nigeria; Citz: Nigeria; M-4.
Tchr Gd II Cert 1952 Govt Tchr Trng College, Ibadan; BS 1959 Ealing Tchg College, London; MS 1964, PhD 1967 Univ of CA.
Fields: 081, 082, 017.
Prev Emp: Vstg Prof, IA St Univ, 1971; Lctr, Univ of Ibadan, Nigeria 1967.
Pub: A Quantitative Analysis of Food Requirements, Supplies & Demands in Nigeria 1968-1985, Ibadan Univ Press 1972; Perspective Plan for Agric Devl in Nigeria 1973-1985; Fed Dept of Agr Lagos 1972; Trends & Prespects of Nigeria's Agric Exports, Ibadan Univ Press 1975.
Lang: Yoruba.
Mbr: Nigerian Econ Soc; W. African Assoc of Agr Econ; Nigerian Soc for Quantitative Econ, Preisdent.

OLIVEIRA, Ronald A., Dept of Forestry, Univ of Wisconsin, Madison WI 53706; PH 608-262-0026.
Asst Prof, Univ of WI (03) 07, 08, 02.
b. 1946 California; M-1.
BS 1968 Univ of CA, Berkeley; MS 1969, PhD 1973 Univ of CA, Davis.
Fields: 020, 035, 081, 038.
Prev Emp: Res Econ, US Forest Serv-PSW, Berkeley CA 1972-74; Reg Econ Forest Serv, RD, Denver CO 1971-72; Post Grad Res Agr Econ, Univ of CA, Davis 1971.
Pub: Econometric Analysis of Wilderness Use, JASA 1976; Meas of Price Elas of Demand, AJAE 1971; Systems Analysis in Land Use Planning, Forest Serv Res Gen. Tech Rpt 1973.

OLIVER, James C., 606 Mill Street, San Bernardino CA 92415; PH 714-383-2768.
Agr, Univ of CA (03) 09, 08, 07.
b. 1918 Arkansas; M-2.
BS 1951, MS 1962 NM St Univ.
Fields: 151, 011, 012.
Mbr: WFAE; ADSA; ASAS.

OLIVER, James D., Div of Voc & Tech Educ, VPI & St Univ, Blacksburg VA 24061; PH 703-951-5237.
Assoc Prof, VPI & St Univ (03) 07.
b. 1933 Virginia; M-2.
BS 1955, MS 1963, PhD 1970 VPI & St Univ.
Fields: 046.
Prev Emp: Asst Co Agent, VA Agr Ext Serv, Salem VA 1957-60.
Pub: Farm Mgmt Instruction Via Education T.V., The Agr Educ Mag, 1968; Shifts in Land Use Appl Region of Virginia, VPI & St Univ Res Div Bull. 1971; Annuity Approach to Machinery Costs, Transactions of the ASAE 1974.
Mbr: AVA; AERA; AVERA, Treas. 1974-75, Rec Sec 1975-76.
Hon: Ldrs in Educ; Dict of Intl Biography; BS w/honors; List in Who's Who in Am Colleges & Universities.

Lang: Sp 2-3-2.
Mbr: AEA; RSA; WRSA.
Hon: NDEA Fellowship; Univ of CA Regents Scholar; Agr Econ Undergrad Citation, Univ of CA, Berkeley.

OLSEN, Duane A., H C Filley Hall, Univ of NE, Lincoln NE 68508; PH 402-472-3401.
Assoc Prof, Univ of NE (03) 09, 07.
b. 1935 Minnesota; M-2.
BS 1961 Univ of MN; MS 1963 Purdue Univ; PhD 1973 Univ of MO.
Fields: 038, 047, 031.
Prev Emp: Asst Prof, KS St Univ, 1965-70; Instr, KS St Univ, Lyons 1963-65.
Pub: Migrant Response to Industrialization, USDA ERS Agr Econ Rpt #270, 1974; How Nebraska Land is Used, Univ of NE Coop Ext, 1976; Human Resources and Community, North Central Reg Center for Rural Devl 1975.
Mbr: CDS, V. Pres. NE Chapter; Toastmasters, V. Pres 1975.

OLSON, Carl E., Div of Agr Econ, Univ of Wyoming, Laramie WY 82071; PH 307-766-5266.
Professor, Univ of WY (03) 08, 07.
b. 1937 Massachusetts; M-3.
BS 1961 Univ of WI; MS 1963 MT St Univ; PhD 1967 OK St Univ.
Fields: 027, 141, 017, 011.
Prev Emp: Asst-Assoc Prof, ND St Univ, Fargo 1966-69.
Pub: Comm Effects of Firm Growth in Growth of the Agrl Firm, U of WY 1976; Econ With Application to Agr, U of WY 1974; The Impact of Potential Changes in Federal Grazing Policies on the Southcentral Wyoming Cattle Ranches, Univ of WY 1975.
Mbr: WAEA; Midcontinent Reg Sci Assoc.
Hon: Am Men & Women of Science; Who's Who in the West; RFF Doctoral Fellowship.

OLSON, Fred L., Natl Marine Fisheries Service, NOAA, U S Dept of Commerce, Washington DC 20235; PH 202-634-7307.
Spec Asst, Office of Intl Fish (11) 06, 18, 19.
b. 1928 Wisconsin; M-3.
BS 1950 Univ of WI; MS 1955; PhD 1962 Univ of MN.
Fields: 024, 110, 016, 065.
Prev Emp: Div Chf, US Dept of Interior, Washington DC 1965-70; Assoc Prof, ND St Univ, Fargo 1963-65; Asst Prof, Univ of NE, Lincoln, 1959-63.
Pub: Location Theory as Applied to Milk JFE 1959; Analysis of Proportion of Grade A & B Milk, PhD Thesis 1962; Sampling Requirements for Verification FAO Tech Conference on Fish 1969.
Lang: Fr 3-0-0.
Mbr: AEA, IFES; CAEA.
Hon: Gamma Sigma Delta; AAEA Award 1959; Outstanding Ext Prog in Agr Econ, WFEA 1964.

OLSON, Kent D., CARD - Econ Dept, East Hall, Iowa St Univ, Ames IA 50011; PH 515-294-1183.
Res Assoc, Center for Agr & Rural Devl (03) 07, 23, 21.
b. 1952 Iowa; U.
AA 1972 Waldorf College; BS 1974, MS 1975.
Fields: 011, 081, 026.
Prev Emp: SAM Trainee, Ralston Purina Co, Ottumwa IA 1973.
Pub: Application of a Quadratic Programming Model to Evaluation of Some Environmental Alternatives in Agriculture, CARD- IA St Univ 1976.
Lang: Ger 3-3-3; Nor 3-0-3.
Mbr: AEA; ASA.
Hon: Gamma Sigma Delta; Phi Kappa Phi; Phi Kappa Beta; Waldorf Colleges Dean's Award 1972.

OLSON, Kevin L., RR, Deland, Illinois 61839.

OLSON, Robert E., Econ Dept, SD St Univ, Brookings SD 57006; PH 605-688-4141.
Assoc Prof, SD St Univ (03) 07, 08, 23.
b. 1921 Minnesota; M-3.
AB 1943 Gustavus Adolphus; MS 1948 Univ of MN.
Fields: 014, 017, 073, 015.
Prev Emp: Sr Agr Econ, Stanford Res Inst, Menlo Park CA 1968-72; Staff Econ, Natl Adv Comm on Food, Washington DC 1966-67; Agr Econ, ERS-USDA, Washington DC 1952-65.
Pub: Food and Fiber for the Future, Washington 1967; Relative Accuracy of Pricing Butcher Hogs on Fat and by Carcass Weight & Grade, Univ of MN 1953.
Lang: Sp 1-0-3.
Mbr: ASFM&RA; WAEA, Sec. Treas 1956-60.

OLSSON, Rolf, Lantbrukshogskolan, Inst for Ekonomi Och Statistik, S-75007, Uppsala 7 Sweden.
Agr Lic, Agr College of Sweden (03) 07, 02.
b. 1938 Sweden; Citz: Sweden; M-2.
Agronom 1964, Agr Lic Agr College of Sweden.
Fields: 011, 012.
Pub: A Multiperiod Linear Programming Model for Studies of the Growth Problems of the Agricultural Firm, Swedish Jour of Agr Res 1971 & 1972.
Lang: Swedish; Other: Eng 1-2-2; Ger 1-2-2.
Mbr: IAAE; Eur Assoc Agr Econ.

OLTENACU, Pascal, 109 Morrison Hall, Cornell Univ, Ithaca NY 14853.

OMAR, Hanai H., 4100 Connecticut Avenue, Washington DC 20008; PH 202-629-7683.
Assoc Prof, WA Tech Inst (03) 08, 07, 27.
b. 1939 Egypt; Citz: USA; M-2.
BS 1964 Ain Shamis Univ, Egypt; MS 1967 Univ of MD.
Prev Emp: Res Asst, U of MD 1967-70; Econ Natl Res Ctr, Egypt 1964-65.
Pub: History of the Coop Movement in Egypt, Cairo, 1963; Structure of an Egyptian Village, U of MD 1967.
Lang: Arabic; Other: Eng 1-1-1, Fr 2-3-3.
Mbr: Middle East Inst; Egyptian Agrl EA.
Hon: Athletic Sch Ain-Shamis U; Res Asst-ship, U of MD; Grant to National Res Ctr.

O'MARA, Gerald T., Dept of Economics, Northwestern Univ, Evanston IL 60201.

OMIA-MENGO, Jean, Cond des Produits, BP 299, Victoria, Cameroon, Africa.

ONG, Shaq-er, Dept of Agr Econ, Kasetsart Univ, Bangkok, Thailand.
Assoc, Agr Devl Coun, Inc (72)04,20,18.
b. 1917 China; Citz: USA; M-3.
BS 1940 Fukien Christian Univ, China; PhD 1951 WA St Univ.
Fields: 012, 038, 021, 017.
Prev Emp: Assoc, Agr Devl Council Inc. Bangkok since 1970; Sr Fellow, East-West Center, Honolulu 1968-69; Farm Mgmt, FAO/UN, Dacca & Bangkok 1953-68.
Lang: Chinese; Other: Eng 1-1-1, Sp 2-3-3.

ONGLA, Jean, Dept of Rural Econ, Natl Adv School of Agr, BP 138 Yaounde, Cameroon, Africa; PH 22-45-88.
Asst Prof, ENSA, U of Yaounde (03)08,07,09.
b. 1947 Cameroon; Citz: Cameroon; M-2.
Agr Eng 1971 U of Yaounde; MSA 1974 U of FL.
Fields: 070, 014, 035, 016.
Pub: Etude Economique de la Production.
Lang: Bassa; Other: Fr 1-1-1, Eng 1-1-1.
Mbr: FSHS; W Afr Assoc of Agr Econ, Editor.
Hon: 1st Hon Prize of Pres. Cameroon 1967.

ONISHI, Haruo, Dept of Soc Eng, Univ of Tsukuba, Sakura Niihari, Japan 300-31;
Assoc Prof, U of Tsukuba (03) 07, 08.
b. 1942 Japan; Citz: Japan; M-1.
PhD 1973 U of IL.
Fields: 082, 016, 017.
Prev Emp: Asst Prof, Kyoto U. 1973-75; Res Asst U of IL 1968-73.
Pub: Econ Eval of the Effect of Selected Crop Practices on Nonagrl Uses of Water, Water Res Ctr, U of IL 1974; Effect of Nitrate & Sediment Constraints on Economically Optimal Crop Prod, J of Env Qual 1974; A Method for Spatial Price Determination & Good Allocation in Case of Kinked Demand and/or Supply, Nohringyo-Mondai Kenkyu 1974.
Lang: Japanese; Other Eng 1-1-2.
Mbr: JAEA. Hon: PKP; GSD.

ONUORAH, Michael C., OR St Heal Div, 1400 SW Fifth Avenue, Portland OR 97201; PH 503-229-5904.
(40) 06.
b. 1942 Nigeria; Citz: Nigeria; M.
MS 1973 OR St Univ.
Fields: 111, 016, 024, 073.
Lang: Ibo; Other: Eng 1-1-1.
Mbr: IAAE.

ORAWAN, Ongkananantlert, Div of Agr Econ, Mins of Agriculture, Bangkok, Thailand.

ORAZEM, Frank, Dept of Econ, KS St Univ, Manhattan KS 66506; PH 913-532-6702.
Professor, KS St Univ (03) 08, 07.
b. 1925 Yugoslavia; Citz: USA; M-5.
Dr Pol Sci 1949 KarlFranzen U; MS 1953 KS St U; PhD 1956 IA St Univ.
Fields: 011, 012, 062, 073.
Prev Emp: Fulbright Lectr & Vstg Prof, Univ of Napoli, Italy, 1964-65; Agr Econ, USDA, Ames IA 1954-56.
Pub: Economic Status of U.S. Farms, IA State Press 1972; Importance of Farm Sector in the Economy, AJAE 1968; Development of Inventory Models, AJAE 1965.
Lang: Slovenian; Other: Serbo-Croatian 1-2-1, Ger 1-2-2, Ita 2-3-2.
Mbr: CEA; AAASS.
Hon: Who's Who in Am; Am Men & Women of Science; Gamma Sigma Delta Tchg Award; Phi Kappa Phi; Omicron Delta Epsilon.

O'ROURKE, Andrew D., Dept of Agr Econ, Agr Sci Phase II, WA St Univ, Pullman WA 99163; PH 509-335-1406.
Assoc Professor, WA St Univ (03) 07, 08.
b. 1938 N. Ireland; Citz: USA; M-3.
BA 1960 Queen's Univ, Belfast; BC 1963 Univ College, Dublin; MS 1968, PhD 1970 Univ of CA, Davis.
Fields: 014, 016, 017.
Prev Emp: Res Assoc, Univ of CA, Davis, 1968-70; Res Officer, Agr Inst, Dublin 1967; Mktg Mgr, Adsell Adv, Dublin 1963-66.
Pub: Marketing in Ireland (Textbook) Dublin Ireland 1967; California Fresh and Frozen Fish Trade, Davis CA 1971; Factors Affecting Major Marketing Decisions for the Washington Apple Crop, Pullman WA 1975.
Lang: Fr 1-3-3, Ger 3-3-0.
Mbr: WAEA.
Hon: Who's Who in the West; Phi Kappa Phi; Beecham Young Exec Award.

ORTA, Celio S., Inst de Investigaciones Econ, Facultad de Econ, UCV, Caracas, DF, Venezuela; PH 61-9811.
Assoc Professor, Univ Central de Venezuela (03) 08, 07.
b. 1932 Venezuela; Citz: Venezuela; M-3.
Econ, 1960, UCV.

Fields: 011, 017.
Pub: Venezuela Crecimiento sin Desarrollo, Mexico 1974; Impacto de los Ingresos Petroleros Sobre el Crecimiento del Sector Agricola, UCV, Caracas 1974.
Lang: Spanish; Other: Eng 2-3-3.
Mbr: IAAE; IAFM.

ORTEGO, Albert J. Jr., 401 Bracemoor Pl, Louisville KY 40243.

OSBORN, James E., Dept of Agr Econ, TX Tech Univ, Lubbock TX 79409; PH 806-742-7251.
Prof & Chrmn, TX Tech Univ (03) 01, 07, 08.
b. 1936 Oklahoma; M-2.
BS 1959, PhD 1964 OK St Univ; NC St Univ.
Fields: 021, 011, 082, 085.
Prev Emp: Asst-Assoc Prof, TX Tech Univ, Lubbock TX 1965-72; Asst Prof, Auburn Univ AL 1964-65.
Pub: Systems Analysis of Farm Equipment SJAE 1970; Economic Effects of Exhaustable Water, SJAE 1973; Economic Projections for an Area, TX Tech Press 1974.
Mbr: SAEA; WAEA.
Hon: Sigma Xi; Who's Who in Am; Am Men & Women of Science.

OSBURN, Donald D., 200 Mumford Hall, Univ of Missouri, Columbia MO 65201; PH 314-882-2831.
Professor, Univ of MO (03) 07, 08, 23.
b. 1936 Missouri; M-4.
BS 1960 Univ of MO; MS 1963, PhD 1966 NC St Univ.
Fields: 041, 013, 012, 121.
Prev Emp: Resource Econ, So. IL Univ, Carbondale IL 1967-69.
Pub: Economics of Environmental Control for Livestock, CJAE 1968; Economies of Size Associated with High Schools,Review of Econ & Stat 1970; Some Micro Aspects of the Human Migration Activity, SJAE 1974.
Mbr: SAEA; AVA.
Hon: Leaders in Educ; Am Men & Women of Educ; Ntl Defense Fellow; Vstg Scholar, Farm Credit Adm.

OSE, Odale J., PO Box 4913, Hawthorne Rd, Kansas City MO 64120; PH 816-242-2331.
Mgr Mktg Serv, Chemagro Div, Mobay Chem Corp (51) 11, 16, 10.
b. 1924 Iowa; M-3.
BA 1952 Univ of IA; MS 1954 IA St Univ.
Fields: 014, 011, 093, 095.
Prev Emp: Supr, Quaker Oats, Chicago IL 1958-64; Mgr, John Morrel & Co, Ottamwa IA 1956-58; Sr Tech Econ, Intl Minerals and Chem Corp, Skokie IL 1954-56.
Lang: Ger 2-2-3, Nor 2-2-2.
Mbr: AMA, Chpt Dir; Chem Mktg Res Assoc; Am Sales Trng & Devl Assoc.
Hon: Who's Who in America.

OSKAM, Arie J., Agr Univ Wageningen, Hollandseweg 1, Wageningen, The Netherlands.
Asst Prof, Agr Univ Wageningen (03) 07, 08.
b. 1944 Netherlands; Citz: Netherlands; M-2.
Bach 1971 Netherlands School of Econ; Doct (hon) 1971 Agr Univ.
Fields: 017, 080, 016, 066.
Pub: Improvement of the Supply Analysis, European Econ Review 1974; Optimum Marketing of Butter in the EC, Eur Rev of Agr Econ 1974-75.
Lang: Dutch; Other: Eng 3-3-3, Ger 3-2-2.

OSMAN, Mohammad, Ext Dept, Mins of Agr Kabul, Afghanistan.

OSPINA, Enrique, Dept of Agr Econ, TX A&M Univ, College Station TX 77840; PH 713-845-5946.
Grad Res Asst, TX A&M Univ (03) 23.
b. 1946 Colombia; Citz: Colombia; U.
BA 1972 Warren Wilson College; ME 1974 NC St Univ.
Fields: 011, 081.
Prev Emp: Farm Worker, Warren Wilson College, NC 1969-72; Res Asst, NC St Univ, Raleigh NC 1973-74.
Pub: Land Use Planning in North Carolina, NC St Univ 1973.
Lang: Spanish; Other: Eng 1-1-1, Fr 2-3-3
Mbr: SAEA.

OSTENSON, Thomas K., Apt 203, 1441 N. B'wa Fargo ND 58102; PH 701-232-6436.
Assoc Professor, ND St Univ (03) 07, 08, 09.
b. 1915 Minnesota; M-2.
MS 1966 ND St Univ.
Fields: 013, 039, 012, 017.
Prev Emp: Res Asst, ND St Univ, Fargo ND 1962-64; Loan Officer, PCA of Fargo ND 1959-62.
Lang: Nor 2-2-2.
Mbr: WAEA.

OSTERHOUDT, Frank H., USDA, Lacie Proj Off, FAS, Rm 4506, South Bldg, Washington DC 20250; PH 202-447-6385.
Agr Econ, USDA (16) 19, 07, 06.
b. 1928 New York; M-2.
BS 1950, MS 1963 Cornell Univ; PhD 1968 WI.
Fields: 066, 021, 026, 064.
Prev Emp: Agr Econ, USDA-ERS, Washington DC 1972-75; Asst Prof, NM St Univ, Las Cruces 1967-72; Dairy Farm Owner-Oper. Genoa NY 1957-61.
Pub: Social & Economic Impacts of Potentia Coal Development in N.G. Plains, 2nd Ann Mined Land Symposium, Louisville KY 1974; Data Base for Planned and Unplanned Urba Growth, 8th Intl Symposium on Remote Sensing, Univ of MI 1972; Impact of a Declining Water Supply on the Economy of Curry and Roosevelt Counties, NM, NM St Univ 1971.

Lang: Sp 2-3-2.
Mbr: AEA; WAEA; Am Soc of Photogrammetery.
Hon: Phi Kappa Phi; Ho-Nun-de-Kan; Ford Foundation Language Fellow.

OTTE, John A., 5007 60th Street "E", Agr Res & Educ Center, Bradenton FL 33505; PH 813-755-1568.
Asst Professor, Univ of FL (03) 09, 07.
b. 1951 Illinois; U.
BS 1973, MS 1974 Univ of IL; 1974-75 IA St Univ.
Fields: 012, 011.
Prev Emp: Instr & Assoc, IA St Univ, Ames, 1974-75; Land Tenure Cons, Park Forest So Devl, IL 1974.
Pub: A Model to Analyze the Costs of Strip Mining & Reclamation, Natl Coal Assn Papers 1975; Feasibility of Mining Coal in Iowa;An Economic Evaluation, IA Coal Project Series 1975; Potential Production & Sale of Hay in Northern Illinois, IL Agr Economics 1974.
Hon: Alpha Zeta, Scribe; Gamma Sigma Delta; Wright Fellowship in Agr Econ; Outstanding Sr in College of Agr.

OTTE, Robert C., 500 12th Street SW, Washington DC 20250; PH 202-447-2303.
Agr Econ, ERS-USDA (16) 07.
b. 1922 Nebraska; M-2.
BS 1947, MA 1954 Univ of NE; PhD 1956 Univ of WI.
Fields: 038, 026, 022.
Prev Emp: Chf, Land Resources Br, ERS-USDA Washington DC 1966-70; Agr Econ, ERS-USDA, Ecuador, 1964-66; Asst Chf, Land & Water Br, ERS-USDA, Washington DC 1961-64.
Pub: Cropland for Today and Tomorrow, USDA 1975; Farming in the City's Shadow USDA, 1974; Urbanization of Land in the Northeastern United States, USDA 1971.
Lang: Sp 2-2-2.
Mbr: SCSA.
Hon: Am Men & Women of Science; Alpha Zeta; Gamma Sigma Delta.

OTTOSEN, Poul,Slotsholmsgade 10, DK-1216, Copenhagen, Denmark; PH 01-12-3717.
Head of Section, Mins of Agr-Denmark (78) 06, 18.
b. 1946 Denmark; Citz: Denmark; U.
Cand Polit 1971 Copenhagen.
Fields: 110, 010, 130, 060.
Lang: Danish; Other: Eng 1-1-1, Fr 1-2-2.

OTTOSON, Howard W., 221 Agr Hall, Dept of Agr Econ, Univ of Nebraska, Lincoln NE 68503; PH 402-472-2045.
Dir Agr Exp Sta, Univ of NE (03) 02, 07.
b. 1920 Minnesota; M-3.
BS 1942, MS 1950 Univ of MN; PhD 1952 IA St Univ.
Fields: 011, 012, 022, 156.
Prev Emp: Chrm, Agr Econ, Univ of NE, Lincoln 1956-66; Asst-Assoc Prof, Univ of NE, Lincoln 1950-56; Business Anal, Bank Coops, St Paul MN 1947-48.
Pub: Land Use Problems and Policy in the U.S., Univ of NE Press 1963; Transportation Problems and Policies in the Trans-Missouri West, Univ of NE Press 1967; Land and People in the Northern Plains Transition Area, Univ of NE 1966.
Lang: Swe 2-0-2, Ger 3-0-0.
Mbr: AAAS.
Hon: Sigma Xi; Am Men & Women of Sci; Who's Who in the Midwest; Regents Prof, Univ of NE 1965-66.

OUELLETTE,Gilbert D., 358 King Street, Fredericton, NB, Canada E3A 2G8; PH 506-453-2904.
Coor Mktg & Mktg, Province of New Brunswick (40) 18, 19, 15.
b. 1942 Canada; Citz: Canada; M-3.
Degree 1962 Moncton; Degree 1974 ME.
Fields: 014, 016, 017, 011.
Prev Emp: Mkt Anal, NBDA, Fredericton 1967-75; Sales, Evangeline Coop, Grand Falls 1965-67; Sales, Island Fertilizer, Charlottetown 1963-65.
Pub: New Brunswick Potato Industry, New Brunswick 1974; Economics of Pest Management, Univ of ME 1973; Infra Red Photography-Minerals, Univ of ME 1974.
Lang: French; Other: Eng 1-1-1.
Mbr: NBIA, NEAEA, AIC.

OURY, Bernard R., 500 East 77 Street, #326, New York NY 10021.

OVERTON, Charles E., 7924 St George Court, Springfield VA 22153.

OWEIS, Jirvis S., 1728 Youngblood Street, McLean VA 22101.

OWEN, Wyn E., Dept of Economics, Univ of Colorado, Boulder CO 80302.

OWENS, Gerald P., Caixa Postal 04-0191, Brasilia DF Brazil; PH 24-3870.
Prog Coor, Univ of WI (03) 02, 22, 07.
b. 1932 Texas; D-4.
BS 1957 Phillips Univ; MS 1958 KS St Univ; PhD 1965 OH St Univ; 1973 SMU.
Fields: 076, 073, 014, 118.
Prev Emp: Assoc Prof, Univ of WY, Laramie 1966-72; Agr Econ, USDA-ERS, Washington DC 1961-66; Agr Stat, Bureau Comm, Washington DC 1959-61.
Lang: Por 1-2-2, Sp 2-3-2, Persian 0-0-2.
Mbr: Natl Econ Club; Natl Assn Arts & Sci; U.S. Parachute Assn.

OWENS, Richard W., 2855 Telegraph Avenue, Berkeley CA 94705.

PAARLBERG, Don., Room 214A, Jefferson Drive & 14th Street, Washington DC 20250; PH 202-447-5681.
Dir of Agr Econ, USDA (23) 06, 02, 01.
b. 1911 Illinois; M-2.
BS 1940 Purdue Univ; MS 1942, PhD 1946. Cornell.
Fields: 017, 140, 110, 070.
Prev Emp: Hillenbrand Prof, Purdue Univ, 1961-69; Asst to the Pres., Washington DC 1958-61; Asst Sec, USDA, Washington DC 1957-58.
Pub: Food, KNOPF 1944; American Farm Policy, Wiley 1964; Great Myths of Economics, New American Library 1968.
Mbr: AEA; IAEA; AAEA Sec Tres
Hon: Who's Who in America; Fellow AAEA.

PACKARD, Ross L., Johnson Space Center, Houston TX 77058; PH 713-483-4735.
Mgr, CAS, USDA-FAS (18) 01, 18, 14.
b. 1924 Wisconsin; M-1.
1949 Univ of MN; BS 1949, MS 1953, PhD 1957 Univ of WI.
Fields: 112, 026, 152, 068.
Prev Emp: Agr Attache, USDA-FAS, Kinshasa, Zaire 1971-73; Reports Off, USDA-FAS, Washington DC 1969-71; Agr Off, USDA-FAS, Bombay, India 1967-69.
Pub: Wisconsin's Crop Calendar, Planting, Harvesting, Marketing, WI Dept of Agr Bull #319, Madison WI 1953; India's Water Supply, For Agr 1966.
Lang: Fr 2-3-3, Sp 3-0-0.
Mbr: ASA; AEA; ASA.
Hon: Cert of Merit 1967; Adm's Blue Ribbon Award 1974; Alpha Zeta.

PADBERG, Daniel I., Dept of Agr Econ, Univ of Illinois, Urbana IL 61801; PH 217-333-1810.
Prof & Dept Head, Univ of IL (03) 01, 02, 08.
b. 1931 Missouri; M-3.
BS 1953, MS 1955 Univ of MO; PhD 1961 Univ of CA, Berkeley.
Fields: 014, 015, 017, 101.
Prev Emp: Prof, Cornell Univ, Ithaca NY 1966-75; Natl Comm on Food Mktg, Wash. DC 1964-66; Asst Prof, OH St Univ 1961-64.
Pub: Economics of Food Retailing, Cornell Univ 1968; Today's Food Broker, Chain Store Pub Co 1971.
Mbr: AAAS.
Hon: 1975 Quality of Discovery (AAEA); Food & Nutrition Brd of Natl Academy of Sci; Am Men & Women of Science.

PAE, Ki-Ta, Dept of Economics, Central Connecticut St College, New Britain CT 06050.

PAGE, David A., Rm 6315, 18 & C Streets NW, Washington DC 20240; PH 202-343-6096.
Staff Asst to Sec, U.S. Dept of Interior (13) 19, 18.
b. 1937 Oklahoma; M-1.
BS 1959, MS 1964 OK St Univ; 1969-73 George Washington Univ.
Fields: 027, 023, 026.
Prev Emp: Budget Examiner, Office of Mgmt & Budget, Wash. DC 1970-74; Forester, U.S. Forest Serv, Wash. DC 1961-70.
Mbr: SAF.

PAGOULATOS, Angelos, Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506; PH 606-257-2981.
Asst Professor, Univ of KY (03) 07, 08.
b. 1945 Greece; Citz: Greece.
Laurea di Dottore 1968 Univ of Rome; PhD 1975 IA St Univ.
Fields: 020, 070, 080, 030.
Prev Emp: Assoc Res, IA St Univ, Ames 1974-75; Instr, IA St Univ, Ames 1974.
Pub: Major Determinants Affecting the Demand and Supply of Energy Resources in the United States, PhD Dissertation 1975.
Lang: Greek; Other: Ita 1-1-1, Fr 1-1-1.
Mbr: AEA; SAEA.
Hon: Sigma Xi.

PAGOULATOS, Emilio, Univ of Missouri, Dept of Economics, St Louis MO 63121; PH 314-453-5351.
Asst Professor, Univ of MO (03) 08, 07.
b. 1943 Greece; Citz: Greece; U.
Doctorate 1967 Univ of Rome, Italy; PhD 1973 IA St Univ.
Fields: 110, 070, 100, 060.
Prev Emp: Instr, Univ of MO, St Louis 1971-73; Instr, IA St Univ, Ames, 1968-70.
Pub: Effects of E.E.C. on Agriculture, Amsterdam: North-Holland 1975; Two-Way International Trade, Weltwirtschaftlich Archiv 1975; International Trade, International Investment and U.S. Industrial Profitability, SEJ 1976.
Lang: Greek; Other: Ita 1-1-1, Fr 1-1-1, Sp 2-3-3.
Mbr: AEA; Royal Econ Soc; Intl Studies Assoc.

PALACIO, Ivarth, OK St Univ, Agr Econ, Rm 520, Stillwater OK 74074; PH 405-372-6211.
Asst Res, OK St Univ (03) 07.
b. 1946 Colombia; Citz: Colombia; M.
BS 1972 Univ of Valle; MS 1974, 1 yr toward PhD OK St Univ.
Fields: 114, 081, 014, 111.
Lang: Spanish; Other: Eng 1-2-1, Por 1-3-
Mbr: SAEA.

PALMA-VALDERRAMA, Victor F., OH St Univ, 2120 Fyffe Road, Columbus OH 43221; PH 614-422-2641.

Res, Brazilian Ministry of Agr (78) 07, 23, 15.
b. 1936 Peru; Citz: Peru; M-2.
MS 1971 Vicosa-Brazil; PhD 1976 OH St Univ.
Fields: 115, 113, 112, 081.
Prev Emp: Res, Inter-Am Inst of Agr Sci, Brazil 1966-71.
Lang: Spanish; Other Eng 1-1-1, Por 1-1-1.

PALMER, Charles J., 11177 W 8th Avenue, St and Private Forestry, Lakewood CO 80215; PH 303-234-4323.
Econ, U.S. Forest Service (23) 06, 19, 15.
b. 1938 Utah; M-5.
BS 1966, MS 1968 UT St Univ; 4 years Univ of AZ; 1973 CO St Univ.
Fields: 020, 035.
Prev Emp: Agr Econ, ERS-USDA, Denver CO & Tucson AZ 1967-76.
Pub: User Guide, Input-Output Analysis, ERS 1973; Cost & Returns on Selected Dairy Farms, MS Thesis; Upper & Lower Colorado Comprehensive Framework Study Participant, Econ Appendix 1971.
Mbr: WAEA.

PALMINI, Dennis J., Dept of Agr Econ, Cook College, Rutgers Univ, New Brunswick NJ 08903; PH 201-932-9158.
Asst Prof, Cook College-Rutgers Univ (03) 08, 07.
b. 1943 Illinois; M-1.
BA 1965 Rockford College; AM 1971, PhD 1975 Univ of IL.
Fields: 026, 035.
Prev Emp: Res Assoc, Univ of IL, Urbana, 1973-74.
Pub: Regional Economic Impact on Illinois Agriculture of Environmental Controls on Fertilizer Use: A Linear Programming Analysis, Dissertation 1975.
Mbr: AEA.

PANDO, Jose L., IICA de la OEA, Apartado 5345, Caracas, Venezuela.
Agr Mktg Spec, Inter-Am Inst of Agr Sci of OAS (67) 22, 18, 08.
b. 1936 Spain; Citz: Canada; M-5.
BAS 1963, BAE 1965 Madrid Univ; MS 1972 Guelph Univ.
Fields: 014, 021, 016, 018.
Prev Emp: ES 2 Water Mgmt, Can Dept of Env, Burlington, Ontario, 1972-73; Res Econ, Can Dept of Agr, Ottawa 1971-72; Comm Anal, Can Dept of Agr, Ottawa 1966-71.
Pub: National & Regional Hog Supply Functions, Agricl Canada 1975; A Study of the Marketing of Canadian Apples, Econ Branch CDA 69/S 1969; The Trend Pattern of Butter Consumption, CFE, 1970.
Lang: Spanish; Other: Eng 1-1-1, Por 1-3-2.
Mbr: AEA; Ateneo Cientifico Literano y Artisticade, Madrid.

PAPANEK, Gustav F., Econ Dept, Boston Univ, 270 Bay State Road, Boston MA 02215; PH 617-353-4440.
Chrmn & Prof, Boston Univ (03) 02, 08, 07.
b. 1926 Austria; Citz: USA; M-2.
BA 1947 Cornell Univ; AM 1949, PhD 1951 Harvard Univ.
Fields: 073, 077, 071, 118.
Prev Emp: Dir, Harvard Adv Grp, Indonesia, 1972-73; Dir, Harvard Devl Adv Sci, Cambridge 1965-70; Adv, Harvard Adv Grp, Pakistan 1954-58.
Pub: Pakistans Development, Harvard Univ Press 1967; Decision Making for Development, Houghton-Mifflin 1970; Aid, Foreign Private Investment, Savings and Growth in Less Developed Countries, Jour of Political Economy 1973.
Lang: German; Other: Fr 1-2-1.
Mbr: AEA; ACES, Exec Comm 1971-73; Assoc Asian Studies, V. Pres 1975.
Hon: Am Men & Women of Science; Who's Who in the Social Sciences.

PAPASTAVROU, Anastassios, 810 E Eagle Heights Apt, Madison WI 53705.

PAQUIN, Fernand L., 2316 - 190 Smith Str, Winnipeg, Manitoba, Canada R3C 1J8; PH 204-947-1647.
Mgr, Manitoba Indian Agr Inc (51) 18, 17, 09.
b. 1918 Canada; Citz: Canada; M-6.
BS 1950, MS 1961 Univ of Manitoba.
Fields: 012, 013, 011, 091.
Prev Emp: Cheif of Sect Manitoba Govt, Manitoba 1968-75; Sr Econ, Manitoba Govt, 1962-68.
Pub: Raising Incomes in Forest Fring Area, Manitoba, Canada 1962; Farm Business Analysis, Manitoba Canada 1964.
Lang: French; Other: Eng 1-1-1.
Mbr: Manitoba Inst of Agr; Agr Inst of Canada.

PARAMORE, Lee R., 13212 Pennypacker Lane, Fairfax VA 22030; PH 703-968-7421.
Agr Econ (Retired) USDA (18) 11, 09, 03.
b. 1908 North Carolina; M-2.
BS 1931 NC St Univ; Grad Studies 1932-37 NC St & MS St Univ.
Fields: 012, 014, 073, 112.
Prev Emp: Intl Org Off, USDA-FAS, Wash., DC 1970-73; Agr Attache, USDA, Italy & Philippines 1961-68.
Pub: Market Opportunities for U.S. Farm Products in Sweden 1970; Prospects for Developing Agr export Markets in Latin America 1969.
Mbr: Natl Econ Club; OPEDA-USDA.
Hon: Cert of Merit, Agr Attache Philippines.

PARIS, Quirino, Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-1528.
Asst Prof, Univ of CA (03) 07, 08.
b. 1934 Italy; Citz: Italy; M-2.
Laurea 1959 Univ of Napoli, Italy; PhD 1966 Univ of CA, Berkeley.
Fields: 011, 105, 082, 076.
Prev Emp: Instr, Advd Trng Ctr, Univ of Napoli, Portici, Italy 1966-69.
Lang: Italian; Other: Fr 2-0-2, Por 2-0-2.
Mbr: AEA; IES; ES.

PARISUDHIYARN, Tirapol, Dept of Bus Econ, Rajadamnevn Road, Bangkok 2 Thailand.

PARK, William L., Dept of Agr Econ & Mktg PO Box 231, New Brunswick NJ 08903; PH 201-932-9160.
Prof of Agr Econ, Rutgers Univ (03) 07, 08.
b. 1931 Idaho; M-5.
1949-50 Ricks College; BS 1957, MS 1958 UT St Univ; PhD 1963 Cornell Univ.
Fields: 014, 017, 091, 073.
Prev Emp: Dept Chrm, Rutgers Univ 1970-75; Sr Agr Econ, D&R Corp, CA 1969-70; Sect Chief, NY-NJ Mkt Adm Office, NY 1958-65.
Pub: Series of Reports on Market Services Under Federal Milk Orders, NJ Agr Exp Sta 1965; Economic Formula for Resale Pricing of Milk, NJ Agr Exp Sta 1968; Recycling and Social Capital as a Means of Saving Agricultural Open Space, NAEC 1973.
Lang: Sp 3-0-3.
Mbr: Intl Assoc of Milk Control Ag; NAEC Mbr Exec Comm; EEA.

PARKER, Arthur F. Jr., CA St College, Bakersfield CA 93309; PH 805-833-2314.
Assoc Prof, CA St College (03) 08, 07.
b. 1943 Florida; M.
BA 1966 Clemson Univ; MS 1968, PhD 1973 Univ of FL.
Fields: 010, 062.
Prev Emp: Grad Asst, Univ of FL, Gainesville 1969-73.
Pub: Rate of Return vs Risk in Agribusiness, CA St College 1974; Changes in Seasonal Patterns of On Tree Price of Florida Citrus, Univ of FL Exp Sta 1968; Changes in FOB Price Patterns in Florida: Various Commodities, Univ of FL Exp Sta 1968.
Mbr: WAEA.
Hon: Gamma Sigma Delta; Omicron Delta Epsilon; Phi Kappa Phi.

PARKER, Cecil A., Room 108 Agr Bldg, TX A&M Univ, College Station TX 77843; PH 713-845-8011.
Econ Mgmt, TX Agr Ext Serv (17) 09.
BS 1949 TX Tech Univ; MS 1958 NC St Univ.
Fields: 012.
Prev Emp: Econ Mgmt, TX Agr Ext Serv, College Sta TX 1949 - --.
Mbr: ASFM&RA; SAEA; TS-SFM&RA.
Hon: Alpha Zeta.

PARKER, L. Maylard, Geography Dept, Arizona St Univ, Tempe AZ 85281; PH 602-965-6670.
Professor, AZ St Univ (03) 08, 07.
b. 1919 Utah; M-4.
BS 1947 Brigham Young Univ; MS 1951 Univ of UT; PhD 1955 Cornell Univ.
Fields: 035, 031, 046, 154.
Prev Emp: Dir., Indian Comm Action Prog, AZ St Univ, Tempe, 1968-70; Dir, VISTA Trng for Indian Reserv, AZ 1965-68; Dir Peace Corps Trng, Univ of NM 1962-64.
Pub: Economic Geography of Utah's Sheep Industry, 1951; The Potentialities of Irrigation From the New York State Barge Canal 1955.
Mbr: WAEA; Assoc of Am Geographer's: Natl Council for Geography Educ.
Hon: PhD Thesis Cornell's Outstanding 1954-55.

PARKS, John R., PO Box 27307, USDA-ERS, Raleigh NC 27511; PH 919-755-4657.
Agr Econ, USDA (16) 15, 18, 19.
b. 1927 Pennsylvania; M-3.
BS 1951 PA St Univ; MS 1955 KS St Univ; 1969 Univ of PA; 1973 NC St Univ.
Fields: 021, 078, 073, 141.
Prev Emp: Farm Mgr-Appraiser, Doane Agr-Suc, St Louis MO 1960-65; Agr Econ, USDA Agr Res Suc, AK 1957-59; Asst Co Agr Agt, KS Ext Suc, KS 1955-57.
Pub: Current and Projected Population Employment & Income Tar-Neuse-River Basin, North Carolina, Raleigh NC 1974; Agriculture & Forestry Economic Characteristics River Basin North Carolina, Raleigh NC 1975; Soil Productivity Groups North Carolina, Raleigh NC 1975.
Mbr: AEA; SAEA.
Hon: Who's Who in NC 1973-74; Gamma Sigma Delta.

PARKS, Loren L., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Asst Prof, OK St Univ (03) 07, 08.
b. 1943 California; M-2.
BA 1964 Univ of CA, Santa Barbara; PhD 1976 Univ of CA, Davis.

PARRISH, Arthur, 24 Richmond Hill Ave, Stamford CT 06904; PH 203-357-8444.
Adm of Res, Louis Dreyfus Corp (51) 05, 07, 15.
b. 1946 New York; M.
BA 1971 Long Island Univ, Brooklyn Campus; MA 1975 Brooklyn College (CUNY).
Fields: 016, 014, 018, 019.
Prev Emp: Cost Anal Econ, Consolidated Edison, NY 1972-73; Res, ISO, NY 1968-72; Staff Asst (Patent) NY Library 1965-66.
Pub: Quantitative Analysis of U.S. Soybean Costs & Production 1970-75, Brooklyn College 1974-75.
Lang: Sp 2-2-2, Ger 2-1-1.
Mbr: AEA; ASA; AGA.
Hon: Magna Cum Laude BA; Summa Cum Laude.

PARRY, Mark W., RR # 8, Clatham, Ontario, Canada N7M5J8.

PARSONS, Kenneth H., 336 Agr Hall, Univ of WI, Madison WI 53706; PH 608-262-3657.
Professor, Univ of WI (03) 07, 08, 26.
b. 1903 Indiana; M-2.
BA 1928 Butler Univ; PhD 1940 Univ of WI; 1939-40 Chicago Univ.
Fields: 073, 076, 022, 017.
Prev Emp: Prof, Univ of WI, Madison 1937-75; Cons., Ford Foundation, Beirut, Lebanon 1958-59; For Serv Off Resv, Econ Coop Adm, Paris, France 1949-50.
Pub: Institutional Basis of an Agricultural Market Economy, Jour of Econ Issues 1974; Agricultural Economics Role in Behavioral Change in Agriculture, Cornell University 1971.
Mbr: AEA; Assoc for Evol Econ; IAAE.
Hon: Am Men & Women of Science; Phi Kappa Phi; AAEA Fellow.

PARTENHEIMER, Earl J., Dept of Agr Econ & Rural Sociology, 103 Weaver Bldg, PA St Univ, University Park PA 16802; PH 814-865-6361.
Professor, PA St Univ (03) 07, 08.
b. 1930 Indiana; M-3.
BS 1952, MS 1956 Purdue Univ; PhD 1959 MI St Univ.
Fields: 012, 011, 141, 088.
Prev Emp: Assoc & Full Prof, PA St Univ 1967- --; Agr Econ, FPED-ERS-USDA; University Park PA 1965-67; Asst & Assoc Prof, Auburn AL 1958-65.
Pub: Implications of Alternative Cotton Acreage Allotment Levels, JFF 1965; Optimum Systems for Large Pennsylvania Dairy Farms, PA Agr Exp Sta Bull. 791 1974; Dairy Farms, Viability of Dairy Settlement Farms in Jamaica, JNAEC 1974.
Mbr: NAEC; SAEC.

PARTENHEIMER, Ralph E., PO Box 31, Rockport IN 47586; PH 812-649-2501.
Co Supr, USDA - FHA (20) 17, 20, 06.
b. 1932 Indiana; U.
BS 1954, MS 1959 Purdue Univ.
Fields: 013, 012, 011, 014.
Prev Emp: Prod Mgr, Princeton Farms, Princeton IN 1959-71.
Mbr: ASFM&RA; IN-SFM&RA.

PARVIN, David W. Jr., Box 5187, MS St Univ, Mississippi State MS 39759; PH 601-325-2750.
Assoc Econ, MS Agr & For Exp Sta (05) 07.
b. 1939 Mississippi; M-3.
BS 1961, MA 1965 MS St Univ; PhD 1970 Univ of FL.
Fields: 011, 083.
Prev Emp: Asst Econ, Univ of GA, Experiment 1970-73.

PASCA-DI-MAGLIANO, Roberto, Via Partenope 36, Napoli, Italy 80121; PH 081-413456.
Professor, Univ of Naples (03), 08, 07, 18.
b. 1944 Italy; Citz: Italy; M-1.
Econ 1966 Univ of Naples; Res in Agr Econ 1973 London School of Econ.
Fields: 017, 082, 115, 011.
Prev Emp: Res., Banco di Napoli 1967.
Pub: Agriculture in Economic Development of Southern Italy, The Fei-Ramis Model, Rassegna Economia 1972; Theory of Firm and Linear Program in Agriculture, Cooperative Editrice Economia 1975; Uncertainty in Farm Planning Models, Rivesta Economia Agrario 1975.
Lang: Italian; Other: Eng 1-1-2, Fr 2-2-3.
Mbr: AEA; IAAE, Italian Soc of Agr Econ.

PASCHKE, John W., Box 57, Pittsburgh PA 15230; PH 412-237-5017.
Sr Mgr, H.J. Heinz Co (51) 15.
b. 1917 Michigan; M-3.
AB 1938 Oberlin College; MS 1940 OK St Univ; 1939-42 MN.
Fields: 016, 084.
Prev Emp: Mgr. H.J. Heinz, Pittsburgh, 1953-65; Sr. Econ, OPS, Washington DC 1951-53.
Lang: Ger 3-0-0.

PASOUR, Ernest C. Jr., 6 Patterson Hall, NC St Univ, Raleigh NC 27607; PH 919-737-2607.
Professor, NC St Univ (03) 07, 08.
b. 1932 North Carolina; M-2.
BS 1954, MS 1959 NC St Univ; PhD 1963 MI St Univ.
Fields: 039, 038, 062.
Prev Emp: Econ, USDA, E. Lansing MI 1962-63; Res Asst, Dept of Agr Econ, MI St Univ, E. Lansing 1960-62.
Pub: Economic Growth & Agr, An Analysis of the Compensation Principle, AJAE 1973; Real Property Taxes and Farm Real Estate Values, AJAE 1973; Implications of Uncertainty for Measurement of Efficiency, AJAE 1975.
Mbr: AEA; SAEA; Public Choice Society.
Hon: Am Men & Women of Science; NSF Sci Faculty Fellowship 1970-71, Univ of Chicago.

PASQUIER, Jacques, 55 Rue de Lausanne CH 1700 Fribourg, Switzerland; PH 037-2257-33.
Professor, Fribourg Univ (03) 08, 07.
b. 1937 Switzerland; Citz: Switzerland; M-3.
Dr Rer Pol., Fribourg, Switzerland; Phd Purdue Univ.
Fields: 094, 093, 088, 062.
Prev Emp: Sec, Swiss Natl Org of Dairy Prod, Berne 1962-66.
Lang: French; Other: Ger 1-1-1, Eng 1-1-1.
Mbr: SAES; SAOR;SAFA.

PASTO, Jerome K., 217 Agr Adm Bldg, PA St Univ, University Park PA 16802; PH 814-865-7521.
Assoc Dean Res Educ, College of Agr, PA St Univ (03) 02.
b. 1915 Pennsylvania; M-2.
BS 1938, MA 1946, PhD 1950 Cornell Univ.
Fields: 012, 011.
Prev Emp: Ext Spec, Cornell Univ 1946-47; Soil Tech, USDA, Soil Conserv Serv, Various Locations 1938-42.
Pub: Farm Prod Trends in PA to 1960, PA St Univ 1960; Economics of Central Evaporator in Maple Syrup Production, PA St Univ 1962; Costs and Benefits of the Deer Herd, PA St Univ 1956.
Lang: Finnish 1-1-1, Fr 3-0-0.
Mbr: AAAS; ASFM&RA; Natl Assoc of Coll & Tchrs of Agr, Pres. 1973-74.
Hon: Outstanding Educator of Am 1971.

PATALINGHUG, Epietetus, EWC Box 1689, East-West Center, Univ of Hawaii, Honolulu HI 96822.

PATI, Lalit K., Dept of Tech & Stat, Coll of Agr, Orissa Univ, Bhubaneswar, India 751003.
Asst Prof, Orissa Univ of Agr (03) 08, 07, 22.
b. 1938 India; Citz: India; M-4.
BS 1958 MS 1960 Utkal Univ, India; PhD 1974 Univ of MO.
Fields: 081, 080, 063. 016.
Prev Emp: Res Asst, Central Rice Res Inst, Cuttack, India 1962-64; Lectr (Stat) Utkal Univ, Cuttack, India 1961-62; Demonstrator, Utkal Univ, Cuttack, India 1960-61.
Pub: Development of Experimental Information in Agr Response Research, Univ of MO 1974.
Lang: Oriya Hindi; Other: Eng 3-3-3.

PATRICK, George F., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-493-2119.
Asst Prof, Purdue Univ (03) 07, 09.
b. 1942 New York; M-3.
BS 1964 Cornell Univ; 1962 Univ of Buenos Aires; MS 1966, PhD 1970 Purdue Univ.
Fields: 011, 012, 073.
Prev Emp: Res Assoc, Purdue Univ, Brazil, 1967-69; Proj Spec, Ford Foundation, Brazil 1970-73.
Pub: The Effect of Managerial Ability & Capital Structure of Farm Growth, AJAE 1968; Desenvolvimento Agricola de Norte, IPEA/INPES, Rio de Janeiro 1972; Costs and Returns of Education in Brazil, AJAE 1973.
Lang: Por 1-2-1, Sp 2-3-2.
Mbr: AEA; IAAE.
Hon: AAEA MS Thesis Award 1967.

PATRICK, J. Michael, 208 Bon Air Road, Lansing 48917.

PAUL, Allen B., 500 12th Street, Wash. DC 20250; PH 202-447-8168.
Prog Leader, USDA (16) 07, 06.
b. 1917 Utah; M-2.
BS 1940, MS 1941, PhD 1947 Univ of IL.
Fields: 014, 017, 013.
Prev Emp: Vstg Prof, Univ of HI, Honolulu 1968-69; Res Econ, The Brookings Inst, Washington DC 1950-53, 1956-58; Asst Prof, Univ of IL 1947-49.
Pub: Treatment of Hedging in Commodity Market Regulation, USDA Tech Bull. 1976; The Pricing of Binspace, AJAE 1970; Capital and Finance: Two Approaches, Market Structure Research, IA St Press 1964.
Lang: Fr 2-3-3.
Mbr: AEA; IAAE.
Hon: Sigma Xi; Phi Kappa Phi; Superior Serv Award USDA; 1st Prize AAEA Natl Essay Competition.

PAUL, Duane A., NEAD-ERS-USDA, 500 12th Street, Room 120, Washington DC 20250; PH 202-447-7147.
Agr Econ, USDA (16) 07, 23, 27.
b. 1945 California; M.
BS 1968 CA Poly, SLO; MS 1969, 1970-73 Univ of CA, Davis.
Fields: 014, 062, 081, 101.
Prev Emp: Res Asst, Univ of CA, Davis 1968-69.
Pub: Structure of Farm Machinery Industry, Giannini Foundation, CA 1973; Contribution to Agricultural Outlook, USDA 1975.
Lang: Sp 2-3-2, Swe 2-3-3.
Mbr: AEA; ASAE.

PAULSEN, Arnold, 568 East Hall, IA St Univ, Ames IA 50011; PH 515-294-7518.
Professor, IA St Univ (03) 07, 08.
b. 1928 USA; M-5.
BS 1951, PhD 1959 IA St Univ.
Fields: 017, 073, 112, 016.
Prev Emp: Staff Econ, IA Gov's Off, Des Moines 1968; Staff Econ, Off of Sec of Agr, Wash. DC 1965-66; Agr Devl Adv, Harvard Univ Adv Grp, Tehran, Iran 1962-63.
Pub: Quarterly Model of Livestock-Meat Market, IS St Univ Res. Bull. 1976; Our Poor Neighbors, IA St Univ Ext Pub. 1972.
Lang: Ger 1-1-1, Farsi 3-3-2.
Mbr: SID.

PAULSON, Seth L., Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 714-845-6822.
Res Asst, TX A&M Univ (03) 23, 07.
b. 1950 Nebraska; D.
BS 1972 Univ of NE; MS 1975 TX A&M Univ.
Fields: 013, 132, 081.
Lang: Ger 3-3-3.

PAVELIS, George A., 114 N. Fairfax St, Falls Church VA 22046.

PAWSON, Walter W., 3439 E. Seneca Street, Tucson AZ 85716.
Retired (76) 26.
b. 1908 Washington; M.
BS 1933 WA St Univ; MS 1938 Univ of CA.
Fields: 017, 011, 016, 026.
Prev Emp: Agr Econ, ERS-USDA, Tucson AZ 1949-73; Agr Econ, Bureau of Reclamation USDI, Salt Lake City, Utah 1946-49; Agr Econ, Bureau of Agr Econ, USDA, Tucson AZ 1938-41.
Pub: Selected Crop Budgets: Southwest Region, USDA 1973; Cotton Production ...Under Alternative Farm Programs, USDA 1971; Econ of Cropping Systems and Soil Conservation, WA Agr Exp Sta 1961.
Mbr: WAEA.
Hon: Cert of Merit, ERS-USDA 1965; WAEA Award for Best Res Report Published 1961.

PAXTON, Kenneth W., Dept of Agr Econ, LA St Univ, Baton Rouge LA 70803; PH 504-388-3282.
Asst Prof, LA St Univ (03) 07, 08.
b. 1942 Louisiana; M-1.
BS 1965, MS 1967 LSU; PhD 1971 Univ of TN.
Fields: 012, 011, 026, 081.
Pub: Crop Budgets & Planning Data for LA and MS, LA St Univ DAE #484 1975; Impact on Employment of Increasing Output of Industries in LA, LA St Univ DAE #468 1974.
Lang: Fr 3-3-0, Sp 3-3-0.
Mbr: SAEA.

PAYNE, William F. Jr., Economics Dept, SD St Univ, Brookings SD 57006; PH 605-688-4141.
Assoc Prof, SD St Univ (03) 07, 08, 11.
b. 1940 Illinois; M-2.
BS 1962 Univ of IL; MS 1967 So. IL Univ; PhD 1970 OR St Univ.
Fields: 014, 019, 112, 095.
Prev Emp: Res Asst, OR St Univ, Corvallis 1967-70; Res Asst, So. IL Univ, Carbondale 1966-67.
Pub: An Analysis of Japanese Food Grain Policies, OR St Univ 1971; Railroad Transportation Problems, SD St Univ 1974; Transportation of South Dakota Grains, SD St Univ 1975.
Mbr: WAEA.
Hon: Am Men & Women of Science.

PEARCE, Earl H., Route 1 Box 2661, Springville AL 35146.

PEARSE, Robert A., Dept of Agr Econ & Bus. Mgmt, Univ of New England, Armidale, NSW 2351 Australia; PH 067-72-2911.
Sr Lecturer, Univ of New England (03) 20, 07, 08.
b. 1930 Australia; Citz: Australia; M-3.
BS 1953, Hon 1954, MS 1957 Univ of W. Australia; PhD 1969 Univ of New England.
Fields: 011, 084, 083, 012.
Prev Emp: Sr Lectr, Univ of New England, NSW 1958-75; Vstg Lectr, Univ of Nottingham, England 1972; Cons, FAO-IBRD, India, Hungary, Korea 1970-71-75.
Pub: Capital, Taxation & Farm Development, Farm Man Bull. No. 2, Univ of New England 1969; Nottingham Univ Business Game, Univ of Nottingham 1974; Relationships on Farm Record Analysis, Res. Bull. 911, Univ of MO 1967.
Mbr: Econ Soc of Australia & New Zealand; Aus. AES, Pres. NSW Br. 1969-70; Aus. Soc for Animal Prod.

PEARSON, James L., Commodity Econ Div, ERS-USDA, 500 12th Street SW, Washington DC 20250; PH 202-447-8229.
Dep Div Dir, ERS-USDA (16) 06, 07.
b. 1927 Kentucky; M-4.
BS 1951, MS 1953 Univ of KY; PhD 1970 NC St Univ.
Fields: 010, 014, 017, 018.
Prev Emp: Asst Prof, Univ of KY, Lexington, 1953-63.
Pub: Fresh Winter Tomato Industry-A Systems Analysis, ERS-USDA 1976; Price & Quantity Impacts of the Federal Marketing Order for Florida Tomatoes, SJAE 1975; Commercial Freezing of Vegetable Crops in South, ERS-USDA 1971.
Mbr: SAEA, V. Pres 1975.
Hon: Gamma Sigma Delta; Omicron Delta Epsilon; Am Men & Women of Sci; Kellog Fellow, NC St Univ.

PEARSON, Scott R., Food Res Inst, Stanford Univ, Stanford CA 94305; PH 415-497-0627.
Assoc Professor, Stanford Univ (03) 07, 08.
b. 1938 Wisconsin; M-2.
BS 1961 Univ of WI; Diploma 1964 Univ of Grenoble, France; MA 1965 Johns Hopkins Univ; PhD 1968 Harvard Univ.
Fields: 111, 073, 112, 114.
Prev Emp: Econ Cons, USAID, Washington DC/Africa, Interim Periods 1965- --; Econ Cons, Intl Bank for Rec & Devl, Washington DC, Interims 1971 - --; Staff Econ, Comm on Intl Trade & Inv Policy, Washington DC 1970-71.
Pub: Petroleum and the Nigerian Economy, Stanford Univ Press 1970; Commodity Exports & African Economic Development, D.C. Heath & Co, Lexington MA 1974; Comparative Advantage Among African Coffee Producers, AJAE 1974.
Lang: Fr 1-3-3.
Mbr: AEA; AAPSS.
Hon: Phi Beta Kappa; Editor, Food Res Inst Studies.

PECK, Anne E., Food Res Inst, Stanford CA 94305; PH 415-497-2300.
Asst Prof, Stanford Univ (03) 07, 08.
b. 1947 Illinois; U.
BS 1969, MA 1970, PhD 1973 Stanford Univ.
Fields: 016, 081, 014.
Prev Emp: Asst Prof, Purdue 1973-76; Res Asst, Stanford Univ CA 1969-73.
Pub: Producer Hedging & Income Stability AJAE 1975; Futures Markets, Supply Response and Price Stability, Quarterly Jour of Economics 1976; Voluntarism and Price Response, Bell Jour of Econ 1976.
Lang: Fr 2-2-1. Mbr: AEA.

PEDERSEN, Ronald W., 22 Vandenburg Lane, Latham NY 12110.

PEDERSON, Harold C., 1777 Lindig, St Paul MN 55113.

PEINADO, Marcelo A., Dept of Econ, Univ of the Pacific, Stockton CA 95211; PH 209-946-2572.
Assoc Prof of Econ, Univ of the Pacific (03) 08, 22.
b. 1931 Bolivia; Citz: Bolivia; M-2.
BS 1960, MS 1962, PhD 1969 Univ of WI, Madison.
Fields: 022, 073, 076, 011.
Prev Emp: Cons. Food & Agr Org-UN, Peru 1973; Asst Prof, UT St Univ, Logan, 1969-72; Econ, Tippets-Abott-McCarth-Straton, Bolivia & Peru 1962-64.
Pub: Agricultural Development in Latin America, Univ of the Pacific 1974; La Agricultura en Venezuela, Univ of Los Andes, Merida, Venezuela 1971.
Lang: Spanish; Other: Eng 1-1-1.
Mbr: IAAE; Pacific Coast Council for Latin Am Studies, Gov 1973-74; Colegio de Econ de Venezuela.

PELSUE, Neil H. Jr., 207 Winslow Hall, Univ of Maine, Orono ME 04473; PH 207-581-7193.
Asst Prof, Univ of ME (03) 07, 08.
b. 1940 Vermont; M-3.
BS 1963 Univ of VT; MS 1967 Univ of MA; PhD 1971 Purdue Univ.
Fields: 014, 082.
Prev Emp: NDEA Grad Fellow, Purdue Univ, W. Lafayette IN 1967-70; Grad Res Asst, Univ of MA, Amherst, 1965-67; Jr Agr Econ, Fed Milk Mkt Adm, Boston MA 1963-65.
Pub: Utilization of Production & Mktg Information, Bull. #716, ME Exp Sta 1975; Demand Relationships and Pricing Implications for Potato Products, APJ, 1975; Demand Analysis for Selected Potato Products, JNAEC 1974.
Mbr: NAEC; Potato Assoc of Am.

PELTIER, Keith A., Dept of Agr Econ, Morrill Hall, ND St Univ, Fargo ND 58102; PH 701-237-8628.
Grad Asst, ND St Univ (03) 23.
b. 1953 Pennsylvania; U.
BS 1975 ND St Univ.
Fields: 014.
Lang: Sp 3-3-3.

PEMBERTON, Carlisle A., 235-99 Dalhousie Drive, Winnipeg, Manitoba, Canada R3T 3M2.

PENDLUM, Stanley E, Dept of Agr Econ, Box 1071, Univ of Tennessee, Knoxville TN 37901; PH 615-974-7231.
Grad Res Asst, Univ of TN (02) 23, 07.
b. 1948 Ohio; U.
BS 1970 Morehead St Univ.
Fields: 014, 016.
Prev Emp: Spec Elec Tech, U.S. Air Force, Tehran, Iran 1971-74.

PENDSE, Dilip C., Dept of Agr Econ, VPI & St Univ, Blacksburg VA 24061; PH 703-951-5738.
Res Assoc, VPI & St Univ (03) 07.
b. 1939 India; Citz: India; U.
BA 1959, MC 1963 Univ of Poona, India; MS 1967 UT St Univ; PhD 1971 OR St Univ.
Fields: 020, 030, 040, 014.
Prev Emp: Res Assoc, OR St Univ, Corvalli 1972-74; Trainee Off, Bank of Baroda, Poona, India 1964-65; Lectr, BM College of Commerce, Poona, India 1963-64.
Pub: Profiles of Heads of Departments of Agr Economics in the USA, AJAE 1976; A Systematic Evaluation of Environmental Perceptions, Optimum Preferences & Trade-Off Values in Water Res Anal, WRRI, Oregon 1974; Interregional and Interseasonal Competition in the U.S. Beef Industry, An Application of Reactive Programming, SJAE 1973.
Lang: Marathi; Other: Eng 1-1-1, Hindi 1-1-1.
Mbr: IAAE; SAEA.
Hon: Grad w/honors from Univ of Poona.

PENN, J. B., 500 12th Street SW, Washington DC 20250; PH 202-447-8912.
Prog Ldr-Policy Grp, USDA-ERS-CED (16) 06, 07, 18.
b. 1944 Arkansas; M-1.
BS 1965 AR St Univ; MS 1967 LA St Univ; PhD 1973 Purdue Univ.
Fields: 017, 081, 016, 101.
Pub: Environment, Energy & Structure of Food & Fiber System, AJAE 1975; Econometric Policy Models of Commodity Supply Response, PhD Dissertation 1973
Mbr: AEA; SAEA.
Hon: Sigma Xi; Am Men & Women of Science USDA Cert of Merit 1975.

PENN, Raymond J., Univ of WI, 660 Warf Bldg, Madison WI 53706; PH 608-263-4790.
Prof Emeritus, Univ of Wisconsin (03) 26.
b. 1911 Minnesota; M.
BE 1932; PhD 1941 Univ of WI.
Fields: 020, 017, 030, 073.
Prev Emp: Sr Agr Econ, Land Econ, BAE-USDA, NE, NM, WI 1940-46; Assoc Prof, SD St Univ, Brookings 1935-40.
Pub: Proceedings Conf on World Land Tenure, Univ of WI press 1955.
Lang: Sp 3-0-0.
Mbr: Alpha Zeta; Phi Kappa Phi.
Hon: Who's Who in America.

PENN, Walter B., 1285 Ave of Americas, New York NY 10019; PH 212-554-3275.
Equitable Life Assurance Soc (51) 10, 17, 20.
b. 1913 Missouri; M-2.
BS 1940 Univ of MO.
Fields: 013, 094.
Prev Emp: V. Pres, Equitable Life, NY 1970 - to date.

PENSON, John B. Jr., Dept of Agr Econ, TX A & M Univ, College Station TX 77840; PH 713-845-2116.
Asst Prof, TX A&M Univ (03) 07, 08.
b. 1941 Illinois; M-3.
BS 1965, MS 1967 So IL Univ; PhD 1973 Univ of IL.
Fields: 013, 080.
Prev Emp: Econ, ERS-USDA, IL, DC, Purdue 1969-75.
Pub: Demand for Financing Assets, AJAE May 1972; Flow-of-Funds Social Accounting, AJAE Feb 1971; Aggregative Income & Wealth Model, PhD Dissertation 1973.
Lang: Sp 3-3-3.
Mbr: AEA; AFA.
Hon: Natl Award, AAEA, PhD Thesis 1974.

PENSUPAR, Bamroong, 67 Pahdyothin Road, Bangkok, Thailand.

PEPPER, Philip W. Jr., Dept of Agr Econ, Mumford Hall, Univ of Illinois, Urbana IL 61801.

PERCIVAL, Ronald H., PO Box 547, Tamworth, Australia 2340; PH 067-66-1988.
Reg Econ, NSW Dept of Agr (40) 09, 07.
b. 1948 Australia; Citz: Australia; U.
WDA 1969 Wagga Agr College; BAE 1973 Univ of New England.
Fields: 011, 018, 012, 014.
Mbr: Australia AES.

PERES, Fernando C., 1852 Willoway Circle S., Columbus OH 43220.
Res (on leave), Brazilian Mins of Agr (78) 23.
b. 1942 Brazil; Citz: Brazil; M-2.
BS 1965, MS 1969 Univ Fed Vicosa.
Fields: 013, 130.
Prev Emp: Ext Agr, Ministry of Agr, Goias, Brazil 1966-67; Credit Anal, Reg Bank of Brasilia, Brazil 1967-70; Chrmn, Res Dept, FZDF, Brasilia, Brazil 1970-71.
Pub: Resource Productivity of Brasilia Milkshed, MS Thesis UFV Brazil 1969; Agricultural Credit and Production as Instruments for Agricultural Development, Revista Brasileira de Econ, 28 (1): 151-172, 1974.
Lang: Portuguese; Other: Eng 1-1-1, Sp 1-3-3.
Mbr: SOBER (Brazilian Soc Agr Econ)

PERKINS, Brian B., Canada Dept of Agr, Sir John Carling Bldg, Ottawa, Canada K1A 0C5; PH 613-994-5571.
Acting Dir, Policy Adv Grp, Canada Dept of Agr (78) 18, 19, 15.
b. 1934 Argentina; Citz: Canada; M-3.
BS 1956 London; MA 1959 Manchester; PhD 1964 MI St Univ.
Fields: 017, 077.
Prev Emp: Prof, Univ of Guelph, Canada 1972; Policy Adv, Harvard Dvl Adv Serv, Columbia 1968; Assoc Prof, Univ of Guelph 1966.
Pub: Farm Income and Labour Mobility, AJAE 1973; Canadian Dairy Policies, Queen's Printer, Ottawa 1969; Occupational Mobility and Migration from Agriculture, Rural Poverty in the U.S. 1968.
Lang: Sp 1-1-1, Fr 2-3-3.
Mbr: CAES, Councillor 1973-75; Book Rev Ed 1967-68.
Hon: AAEA Award of Merit for Pub Res 1967.

PERKINSON, Leon B., Dept of Econ, NC St Univ, Raleigh NC 27607; PH 919-737-2258.
Agr Econ, USDA-ERS (16) 07.
b. 1941 Illinois; M-3.
BS 1963, MS 1964 Univ of IL; PhD 1971 MI St Univ.
Fields: 030, 042, 047, 041.
Prev Emp: Agr Econ, USDA-ERS-ED, MI, DC, NC, 1965 to date.
Pub: Role of Multi County Development Districts Contributor USDA ERS AER 307, 1975; Public School Finance in Michigan: Characteristics & Trends, Center for Rural Manpower, MI St Univ 1972; Population Distribution in Non-Metropolitan Michigan 1940-70, Agr Exp Sta MI St Univ 1971.
Mbr: SAEA.
Hon: Am Men & Women of Sci; Alpha Zeta; Gamma Sigma Delta.

PERMPONGSRI, Santisuk, Div of Agr Econ, Office of Under Secretary of State, Mins of Agr, Bangkok, Thailand.

PERRAULT, Paul T., 12050 Blvd L'Cadie, Montreal, Quebec, Canada H3M2T9; PH 514-2470.
Private Consultant (75) 15, 18, 07.
b. 1939 Canada; Citz: Canada; M-2.
BSA 1962 Laval Univ; MA 1970 Sherbrooke Quebec; 1970-75, AM 1973 Stanford Univ.
Fields: 017, 016, 073, 014.
Prev Emp: Lctr, Can Intl Devl Agency, Rwanda, 1964-67.
Pub: Theorie de la Firme et Entreprise Cooperative, Sherbrooke Univ Press 1972.
Lang: French; Other: Swahili 0-0-3.
Mbr: AEA; CEA; IAAE.
Hon: Fellowship - CIDC, Ottawa.

PERRAULT, Roger, PO Box 2250, St Laurent Montreal, Quebec, Canada H4L4X7; PH 514-283-7508.
Chrm of the Board, Canadian Livestock Feed Board-Govt of Canada (26) 06.
b. 1918 Canada; Citz: Canada; M-6.
PhD MI St Univ.
Fields: 011, 017, 018.
Prev Emp: Chrm, CLFB, Montreal, Canada 1967; Dir of Econ Res, Prod Union of Quebec, Montreal, Canada 1960.
Lang: French; Other: Eng 1-1-1; Sp 2-2-2.
Mbr: AIC, Ordre des Agronomes.

PERRIN, Richard K., PO Box 5368, Raleigh NC 27607; PH 919-737-2608.
Assoc Prof, NC St Univ (03) 07, 08.
b. 1937 Iowa; M-2.
BS 1960, PhD 1968 IA St Univ.
Fields: 010, 159.
Prev Emp: Econ, CIMMYT, Mexico City, 1975-76; Assoc, IA St Univ, Ames 1963-68.
Lang: Sp 1-3-2.

PERRY, Donald G., 455 Capitol Mall, Sacramento CA 95814; PH 916-444-6540.
Assoc Econ, Devl & Res Cord, (51) 22, 15, 20.
b. 1953 Illinois; U.
BS 1974 Univ of CA, Davis; 1974 to date CA St Univ.
Fields: 035, 021, 011, 014.
Prev Emp: Std Library Asst, Univ of CA, Davis 1972-74.
Lang: Sp 2-3-3.
Mbr: Am Inst of Planners.
Hon: CA St Scholarship Recipient.

PERSAUD, Tillak, Agr Hall, Rm 523, Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Grad Res Asst, OK St Univ (03) 23, 07.
b. 1944 Guyana; Citz: Guyana; U.
BS 1973 Univ of IL; MS 1975 Univ of ID.
Fields: 011, 082, 026.
Prev Emp: Grad Res Asst, Univ of ID, Mowcow 1973-75; Tchg Instr, Reliance Primary School, Berbile, Guyana.
Pub: Allocation of Range Resources: A Case Study Morgan Creek Central ID, Univ of ID 1976.
Lang: Eng 1-1-1, Sp 1-2-3.
Mbr: CJAE; Grad Std Assoc; Moscow Toastmasters Intl, Treas. 1974-75.
Hon: Phi Theta Kappa; Gamma Sigma Delta; Who's Who in Am Jr Colleges.

PERVIS, Dennis W., USAID/ARDO, co U.S. Embassy, Bogota Colombia; PH 34-6971.
Spec, MI St Univ (03) 07, 23.
b. 1941 Canada; Citz: Canada; M.
BSA 1966 Univ of British Columbia; MS 1968 Univ of Guelph; 1972 to date, MI St Univ.
Fields: 011, 073, 077, 083.
Prev Emp: Spec, Korean Agr Sector Anal Team, MI St Univ 1972-75; Cons, Org for Econ Coop & Devl, Paris, France 1971.
Lang: Sp 2-3-3, Fr 3-3-3.
Mbr: AEA.

PETERSEN, Ralph E., Box 397, Danevang TX 77432.

PETERSON, Byron S., 1305 PO Bldg, Boston MA 02109; PH 617-223-2916.
Agr Stat, USDA (22) 06.
b. 1917 Minnesota; M-2.
BS 1939 Univ of MN; MA 1941 Univ of NH.
Fields: 159.
Mbr: IAAE.

PETERSON, David H., 301 Agr Hall, 1450 Linden Drive, Madison WI 53706; PH 608-262-3653.
Res Asst, Univ of WI (03) 07.
b. 1945 Kansas; M.
BS 1967, MS 1969 CO St Univ; MS 1974 Univ of WI.
Fields: 021, 026, 036, 032.
Pub: Pump Irrigation on the Colorado High Plains, CO St Univ 1970.
Mbr: AEA.

PETERSON, Donald L., Scobey Hall, SD St Univ, Brookings SD 57006; PH 605-688-4141.
Asst Prof, SD St Univ (03) 08, 07.
b. 1940 Minnesota; M.
BA 1965, MA 1967 Mankato St College; PhD 1973 Univ of NE.
Fields: 011, 120, 020.
Prev Emp: Grad Std, Univ of NE, Lincoln, 1970-73; Instr, Mankato St College, Mankato MN 1967-70.
Pub: Evaluation of the Feasibility of Increasing Income of Small Farm Operators by Working on Larger Farms, Univ of NE 1973.
Mbr: AEA.
Hon: Outstanding Std-Agr Econ 1973; Omicron Delta Epsilon; Gamma Sigma Delta.

PETERSON, Everett E., 221 Filley Hall, Univ of NE, East Campus, Lincoln NE 68583; PH 402-472-3401.
Professor, Univ of NE (03) 09, 08, 07.
b. 1918 South Dakota; M-2.

BS 1939, MS 1941 MT St Univ; AM 1950, PhD 1952 Univ of Chicago.
Fields: 017, 047, 039, 112.
Prev Emp: Asst Prof, MI St Univ, E. Lansing, 1947-53; Assoc Econ, USDA, MT & Washington DC 1940-46.

PETERSON, Gustof A., 308 Agr Hall, Dept of Agr Econ, Univ of Wisconsin, Madison WI 53706; PH 608-262-3653.
Professor, Univ of WI (03) 07, 09, 08.
b. 1919 South Dakota; M-2.
BS 1942 SD St Univ; MS 1951, PhD 1953 IA St Univ.
Fields: 012, 011, 081, 013.
Prev Emp: Econ, Fed Res Bank of Kansas City, 1955-58; Asst Prof, Univ of IL, 1954-55; Econ, USDA, Ames IA 1953-54.
Pub: Size & Costs of Production on Wisconsin Farms Producing Grade A and Grade B Milk, Univ of WI, Madison 1972; Economic Evaluation of Alternatives for Developing Large Dairy Farms, Univ of WI, Madison 1964.
Lang: Fr 2-0-0.
Mbr: WI-SFM&RA.

PETERSON, Hans P., 12304 Coleraine Court, Reston VA 22091.

PETERSON, R. N., Room 10 CHH, Dept of Agr Econ, MI St Univ, East Lansing MI 48824.

PETERSON, Thomas H., 8303 SE Insley, Portland OR 97266; PH 503-777-3307.
President, Tom Peterson Inc. (50) 05.
b. 1930 Minnesota; M-2.
BS 1952, MS 1954 Univ of MN.
Fields: 095, 094, 093, 096.
Prev Emp: President, Tom Peterson Inc., 12years.
Mbr: AEA; Natl Assoc of Retailers.

PETERSON, Willis L., Dept of Agr & Appl Econ, Univ of Minnesota, St Paul MN 55108; PH 612-373-0953.
Professor, Univ of MN (03) 08, 07.
b. 1932 Minnesota; M.
BS 1960, MS 1962 Univ of MN; PhD 1966 Univ of Chicago.
Fields: 062, 063, 011, 041.
Pub: Principles of Econ: Micro, Richard D Irwin Inc., 1971, 1974
Lang: Fr 3-0-0.
Mbr: AEA.
Hon: Who's Who in America.

PETIT, Michel J., 55 Lodi Estate, New Delhi 110003 India.
Prog Adv, Ford Foundation (72)18, 04, 07.
b. 1936 France; Citz: France; M-3.
Ingen Agr 1958 Inst Natl Agr, Paris; PhD 1964 MI St Univ.
Fields: 011, 072, 073, 105.
Prev Emp: Prof, ENSSAA, Dijon, France 1968-75; Res, INRA, Paris 1964-68.
Pub: Prob D'Accession Al'Irrig, Paris, France 1966; Decis de Prod et Offre de Viande, Paris, France 1969; Sys de Prod en Reg Grande Culture, France 1974.
Lang: French; Other: Eng 1-1-1, Sp 2-3-3.
Mbr: IAAE, Mbr of Council; Soc Francaise d'Econ Rur, Mbr of Board.

PETKOVICH, Michael D., Div of Agr & Resource Econ, Univ of Nevada, Reno NV 89507; PH 702-784-6701.
Grad Fellow, Univ of NV (03) 23, 07.
b. 1948 Pennsylvania; U.
BS 1971 Univ of Pittsburgh; MA 1974 MI St Univ; MS 1976 Univ of NV.
Fields: 041, 035, 158.
Prev Emp: Res Asst, MI St Univ, E. Lansing MI 1971-72.
Pub: Development of the Grammar of Action: An Analysis of Movement Sequences in Children's Drawings of Geometric Forms, MI St Univ, Thesis 1974.
Mbr: AAAS; WAEA.

PETRITZ, David C., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-493-2117.
Ext Econ, Purdue Univ (03) 09, 07, 08.
b. 1945 Illinois; M.
BS 1967, MS 1970, PhD 1972 Univ of IL.
Fields: 012, 018, 014, 151.
Mbr: ASAS; SFM&RA; Am Forage & Grassland Council.
Hon: Phi Eta Sigma; Phi Kappa Phi; Gamma Sigma Delta; Sigma Xi.

PETRY, Timothy A., Dept of Agr Econ, ND St U., Fargo ND 58102; PH 701-237-7441.
Asst Prof, ND St Univ (03) 07, 08.
b. 1946 North Dakota; M.
BS 1969, MS 1973 ND St Univ.
Fields: 014, 011, 101, 141.
Prev Emp: Instr & Res Asst NDSU, 1971-74.
Pub: Comparison of US & Canadian Wheat Grade Standards, MS Thesis NDSU 1973; ND Livestock Price Statistics, Agr Econ Rpt NDSU 1975.
Mbr: WAEA; Northwest Farm Managers.

PETTIGREW, William E., 90 William Street, New York NY 10038; PH 212-943-2306.
Fin Econ, Farm Credit Bank (52) 15, 07.
b. 1941 Indiana; M-4.
BS 1963, MS 1965 Purdue Univ.
Fields: 130, 094.
Pre Emp: Econ, Fed R Bk, St Louis 1965-69.
Mbr: AEA; NABE.

PETTINGILL, John H., Route # 3, Box 95, Wadesboro NC 28170; PH 704-851-3146.
Instr, Rural Adv Fund (71) 08, 07.
b. 1951 New York; U.
BS 1975 Cornell Univ.
Fields: 031, 011.

PETTY, James A., 1700 Jersey Apt 205, College Station TX 77840.

PFAHLER, Fritz, 1127 Avenue Victor Hugo, Luxembourg.

PFEIFFER, George H., Dept of Agr Econ, WA St Univ, Pullman WA 99163.
Res Assoc, WA St Univ (03) 07, 08.
b. 1948 Washington DC; M.
BS 1970 Univ of CA, Davis; MS 1972 Univ of WY; PhD 1976 WA St Univ.
Fields: 011, 021, 012, 084.
Prev Emp: Res Asst, WA St Univ, Pullman, 1972-74; Res Asst, Univ of WY, Laramie 1970-72.
Pub: Economics of Water Quality Improvement, PhD Thesis WA St Univ 1976; Center Pivot Sprinkler Irrigation & Firm Growth, MS Thesis, Univ of WY 1972.
Mbr: WAEA.
Hon: Phi Kappa Phi; Gamma Sigma Delta.

PHERSON, Carl L., Dept of Agr Econ, CA St Univ, Fresno CA 93740; PH 209-487-1075.
Asst Professor, CA St Univ, Fresno (03) 08.
b. 1945 USA; M-2.
BS 1967, MS 1971, PhD 1973 Univ of MN.
Fields: 012, 011, 014, 020.
Prev Emp: Res Asst, Univ of MN, St Paul 1967-72.
Mbr: AEA, WAEA.
Hon: Gamma Sigma Delta; Alpha Zeta.

PHILIPP, Perry P., Dept of Agr & Res Econ, Univ of Hawaii, Honolulu HI 96822.

PHILLIMORE, W. D., Agribusiness Dept, First National City Bank, New York NY 10022.

PHILLIMORE, William D., CITICORP Commercial Inc., 44 Montgomery Street, San Francisco CA 94104; PH 415-989-8180.
CITICORP (51) 17, 10.
b. 1948 Washington DC; Citz: US/UK; U.
BA 1971 Univ of Manchester UK; MS 1974 Univ of CA, Davis.
Fields: 013, 011, 118, 134.
Lang: Fr 2-2-3.

PHILLIPS, Guy D., Grad School of Admn, Univ of CA, Riverside CA 92502.
Asst Professor, Univ of CA (03) 08, 07.
b. 1946 Wisconsin; M-1.
BA 1971, MA 1973, PhD 1976 Univ of WI, Madison.
Fields: 026, 039, 038, 020.
Prev Emp: Econ, WI Dept of Revenue, Madison 1974-76; Res Asst, Univ of WI Inst for Env Studies, Madison 1971-74.
Pub: The Use of Market Information in Resource Policy: A Conceptual Framework & Case Study, Univ of WI 1976; Environmental Analysis of the Kickapoo River Impoundment: A Report to the U.S. Army Corps of Engineers, Univ of WI 1974; Rural Land Use in Wisconsin: A Preliminary Description of Problems & Preventative Efforts, Univ of WI 1972.
Mbr: ASPO; WI Env Decade, Board of Dir 1970-74; Consv Coalition of WI, Board of Dir. 1973-74.

PHILLIPS, Michael J., 500 12th Street SW Washington DC 20250; PH 202-447-8065.
Agr Econ, FCS-USDA (19) 07, 18, 09.
b. 1945 Ohio; M-2.
BS 1967, MS 1968 OH St Univ; PhD 1972 Purdue Univ.
Fields: 014, 101, 017, 102.
Pub: Effectiveness of a Cooperative Base Plan for Milk, Purdue Univ 1973; Improving the Export Capability of Grain Cooperatives, FCS-USDA 1976; Integration Through Joint Ventures Among Cooperatives & Proprietary Firms, FCS-USDA 1976.
Lang: Fr 3-3-3.
Hon: Alpha Zeta; Gamma Sigma Delta; Grad With Distinction in Agr Econ, OH St Univ 1975; USDA Young Exec Comm; OH St Univ Fellowship for Grad Study.

PHILLIPS, Richard, Dept of Econ, KS St Univ, Manhattan KS 66506; PH 913-532-6705.
Professor, KS St Univ (03) 22, 07, 08.
b. 1923 Iowa; M-5.
BS 1948, MS 1949, PhD 1952 IA St Univ.
Fields: 014, 015, 081, 092.
Prev Emp: Vice Pres., Logistics Res Inc, Kansas City MO 1969-70; Vice Pres, Agr Res Inc, Manhattan KS 1962-69; Prof. IA St Univ 1950-69.
Pub: Managing for Greater Returns, 3rd Edition, Manhattan KS 1970; Users Guid to Computerized System for Feasible Agribusiness Development, Manhattan KS 1975; Building Viable Food Chains in the Developing Countries, Manhattan KS 1973.
Lang: Sp 2-3-3.
Hon: Who's Who in America; Who's Who in the Midwest; Am Men & Women of Science

PHILLIPS, Travis, Box 5187, Dept of Agr Econ, MS St Univ, Mississippi State MS 39762; PH 601-325-2750.
Agr Econ, MS St Univ (03) 07, 08.
b. 1931 Mississippi; M-3.
BS 1954, MS 1955 MS St Univ; PhD 1960 NC St Univ.
Fields: 014, 062, 093.
Prev Emp: Res Asst, NC St Univ 1956-59; Asst Prof, MS St Univ 1955-56.
Pub: Grain Sorghum Marketing in MS With Marketing Alternatives, MS Forestry & Agr Exp Sta 1976; Theory of Games, Its Relation to Marketing Strategy, MS St Univ, Dept of AEC Staff Paper Series 1972;

Tomorrow's Research for Agribusiness, Dept of AEC Staff Paper Series, MS St Univ 1972.
Lang: Fr 2-3-3, Ger 3-3-3.
Mbr: SAEA.
Hon: Who's Who in Am; Am Men & Women of Science; Outstanding Educators of Am; Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta.

PHILLIPS, Truman, School of Agr Econ & Ext Educ, Univ of Guelph, Guelph, Ontario, Canada; PH 519-824-4120.
Assoc Prof, U of Guelph (03)07,23,08.
b. 1942 USA; M.
BS 1965 Stanford Univ; PhD 1971 Univ of Newcastle.
Fields: 073, 011, 105.
Prev Emp: Res Assoc, Univ of Newcastle, England, 1967-70; Thermo Design Eng., Dalmo Victor, Belmont CA 1965-66.
Pub: Some Issues and Problems in World Food Production, CJAE 1976; Cassara Utilization and Potential Markets, IDRC, Ottawa 020, 1974; Reciprocity in Intl Trade, Brit, Jour of Agr Econ 1970.
Lang: Fr 2-3-3, Por 2-3-3.
Mbr: CAEA; BAES; ITRCS.

PHILLIPS, William E., Dept of Rural Econ, Edmonton, Alberta Canada; PH 403-432-4603.
Professor, Univ of Alberta (03) 08, 07, 09.
b. 1938 Canada; Citz: Canada.
BS 1961 McGill Univ; MS 1964 Univ of CT; PhD 1967 Univ of CA, Berkeley.
Fields: 026, 025, 032, 038.
Prev Emp: Assoc Prof, Univ of Alberta 1970-76; Asst Prof, Univ of Alberta 1968-70; Assoc Res Spec, Univ of CA, Berkeley 1967-68.
Pub: Conservation at California Tule Elk, Edmonton, Univ of Alberta Press 1975; Erosion Control: An Institutional and Economic Analysis, Edmonton, Environment Conservation Authority 1975.
Mbr: CAES, AEA, AIC.
Hon: Gamma Sigma Delta.

PHUC, Thai T., 2611 15 Tran Hung DAO, Saigon, Veitnam.

PICKETT, John C., State Capitol, Justice Bldg, Little Rock AR 72201; PH 501-371-1455.
Commissioner, AR Public Service Comm (40) 06, 07, 08.
b. 1940 USA; M-2.
BA 1963 Hendrix College; MA 1965 Univ of MO; PhD 1970 Univ of MO.
Fields: 066, 104, 080, 141.
Prev Emp: Assoc Prof, Hendrix College, 1973-75; Asst Prof, Univ of HI, Honolulu 1968-71; Res Fellow, AN Univ, Canberra, Australia 1971-73.
Pub: Public Authorities and Development in Melbourne, ANU Press 1973.
Mbr: AEA, AFA.

PIERI, Renato G., Facolta D'Agraria, Istituto di Economia Agraria, Piacenza, Italy 29100; PH 22271.
Asst Professor, Univ of Cattolica (03) 07, 15, 08.
b. 1948 Italy; Citz: Italy; M-1.
BS 1972 Univ Cattolica; MS 1975 Ontario Agr College.
Fields: 016, 014, 035, 075.
Prev Emp: Res Asst, Univ Cattolica, Piacenza, Italy 1972-73.
Lang: Italian; Other: Eng 1-2-2, Fr 1-3-2.

PIERSON, Thomas R., Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-353-3974.
Asst Professor, MI St Univ (03) 09, 08, 07.
b. 1942 New York; M.
BS 1966 Cornell Univ; MS 1968 Purdue Univ; PhD 1974 Cornell Univ.
Fields: 015, 090, 100.
Prev Emp: Instr, Cornell Univ 1969.
Pub: Economies of Size in Grocery Distribution Centers, Cornell Univ 1972.
Hon: Phi Kappa Phi.

PIETSCH, William H., Agr Phase II, Washington St Univ, Pullman WA 99163; PH 509-335-2511.
Assoc Prof, WA St Univ (03) 09, 07.
b. 1935 North Dakota; M-4.
BS 1966, MS 1968 ND St Univ; PhD 1971 WA St Univ.
Fields: 012, 013, 085, 026.
Prev Emp: Prog Area Leader, NRED-ERS-USDA, Denver Colorado 1973-74; Agr Econ, NRED-ERS-USDA Denver CO 1971-73.
Pub: Westwide Study Report U.S. Dept of Interior, Denver CO 1975; Input-Output Analysis of Import Substitution, WA St Univ 1971.
Mbr: WAEA, FM&RA.

PIGGOTT, Ronald R., Dept of Economics, Monash Univ, Clayton, Victoria 3168 Australia; PH 03-541-2373.
Lecturer, Monash Univ (03) 08, 07.
b. 1945 Australia; Citz: Australia; M-2.
BAE 1966; MAE 1969 New England; PhD 1974 Cornell Univ.
Fields: 016, 017, 014.
Prev Emp: Lecturer, Univ of Wollengong, NSW, Australia 1969-70.
Pub: Supply Elasticity and Conclusive Buying, Australian JAE 1970; Solving Market Allocation Problems, Australian JAE 1975; Econometric Model of U.S. Apple Industry, PhD Thesis 1974.
Mbr: Australia AES.

PIKE, Clarence E., Route 1, Box 226, Middletown VA 22645; PH 703-869-3623.
Cons (Intl Agr Econ) Self Employed (75) 07, 18, 21.
b. 1917 South Carolina; M-2.
BS 1938 Clemson Univ; MS 1940 Univ of KY.
Fields: 016, 110, 017, 018.
Prev Emp: Intl Agr Econ, Natl Farmers Union, Washington DC 1973-75; Supr Agr Econ, ERS-USDA, Washington DC 1963-72; Agr Attache, FAS-USDA, Peru 1958-63.
Pub: Japanese Overseas Aid and Investments-Their Potential Effects on World and U.S. Farm Exports, FAER #81, ERS-USDA, Washington DC 1972.
Lang: Sp 2-2-2, Por 3-3-3.
Mbr: IAAE; Natl Farmers Union.
Hon: Blue Ribbon Award-FAS-USDA 1971.

PINE, Wilfred H., Dept of Economics, Waters Hall, Kansas St Univ, Manhattan KS 66506; PH 913-532-6702.
Professor, KS St Univ (03) 07, 08.
b. 1912 Kansas; M-2.
BS 1934, MS 1938 KS St Univ; Univ of Chicago; PhD 1948 Univ of MN.
Fields: 022, 013, 026, 032.
Prev Emp: Asst Comm, St Dept (E. CA), Turkey 1950-51; Co Agr Agt, Ext Serv, KS 1934-35.
Pub: State and Local Pub Finance in Kansas, State Government 1963; Fiscal Policy of Peru, OAS 1969; Proposed Research Land Tenure in Vietnam, Stanford Research Institute 1967.
Lang: Fr 3-0-3, Ger 3-0-3.
Mbr: WAEA, AAUP, SCSA.
Hon: Ldrs in Educ; Am Men & Women of Sci; Who's Who in Midwest.

PINSTRUP-ANDERSEN, Per, 402 First Fed Bldg, Florence AL 35630; PH 205-381-5810.
Dir, Agro-Econ Div, Intl Fertilizer Devl Center (67) 03, 18, 07.
b. 1939 Denmark; Citz: Denmark; M-2.
Agronom 1965 Copenhagen; MS 1967, PhD 1969 OK St Univ.
Fields: 073, 076, 017, 051.
Prev Emp: Ldr, Agr Econ Prog, CIAT, Cali, Colombia 1969-75.
Lang: Danish; Other: Eng 1-1-1, Sp 1-1-1.
Hon: AAEA Thesis Award.

PIPER, Daniel G., Room 301, 2020 Milvia Street, Berkeley CA 94704.
Agr Econ, ERS-USDA (16) 07, 06.
b. 1939 Ohio; M-3.
BS 1961, MS 1967 OH St Univ; PhD 1972 MI St Univ.
Fields: 021, 022, 081.
Prev Emp: Res Asst, OH St Univ, Columbus, 1965-67; U.S. Army Off, Med Suc Corp, Korea & TX 1962-65.
Pub: Using Linear Programming to Evaluate Agric Flood Control Projects, Jour of Soil & Water Conservation, Sept-Oct 1975; Analysis of Alternative Procedures for Evaluating Agricultural Flood Control Benefits, Institute for Water Res. 1971.
Mbr: AEA; CAES; AWRA, Sec-Tres NE Chpt 1975.
Hon: Alpha Zeta.

PLANTING, Martin B., PO Box 7186, Arlington VA 22207.

PLATH, Clarence V., Islamabad (ID) Dept of State, Washington DC 20520.
Agr Econ Consultant, Experience Inc (51) 22, 20, 18.
b. 1916; M-3.
BS 1937 ND St Univ; MS 1939 Univ of VT; PhD 1947 Cornell Univ.
Fields: 012, 017, 073, 014.
Prev Emp: Cons, Experience, Inc, Pakistan 1975-76; Agr Econ USDA-USAID, Nicaragua 1975; Agr Econ USDA-USAID Paraguay 1970 74.
Pub: USO Potencial de la Tierria, FAO, Rome, Italy 1964-65.
Lang: Sp 1-2-1, Por 2-3-3.
Mbr: IAAE.
Hon: Am Men & Women of Science.

PLATH, Joel Craig, Dept of Agr Econ, Univ of Wisconsin, Madison WI 53706; PH 608-262-1242.
Res Asst, Univ of WI (03) 23, 07, 20.
b. 1947; U.
BA 1969 Univ of the Pacific; MS 1975 Univ of AZ.
Fields: 073, 011, 012.
Prev Emp: Res Asst, Univ of AZ, Tucson 1974-75; Agr Volunteer, Peace Corps, Peru 1969-72.
Lang: Sp 1-1-1.

PLAXICO, James S., Room 308 Agr Hall, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Prof & Dept Head, OK St Univ (03) 02, 08, 09.
b. 1924; M-4.
BS 1945, MS 1948 Clemson Univ; PhD 1953 Univ of MN.
Fields: 011, 017, 012, 073.
Prev Emp: Prog Adv, Ford Foundation, Bogota, 1968-69; Prof, VPI & St Univ Blacksburg VA 1947-55.
Lang: Sp 1-3-2.
Mbr: SAEA; WAEA; AEA.
Hon: Who's Who in America; Am Men & Women of Science; Phi Kappa Phi; Alpha Zeta; ODK.

PLEASONTON, Alfred, 10210 - 701 Loyola Avenue, New Orleans LA 70113; PH 504-589-6651.
Assoc Econ, USDA Forest Service (23) 07.
b. 1926; M-3.

AB 1950 Harvard College; MF 1952 Yale Univ; MPA 1954 Harvard Univ; PhD 1964 MI St Univ.
Fields: 023.
Pub: Data for Planning Woodland Opportunities on West Tennessee Farms, TN Agr Exp Sta, Knoxville 1957; Budgeting Farm & Forest Operating Units for Increased Net Income: Ames Plantation Cases, MI St Univ 1964; Tree Farm Families in the South, Southern Forest Exp Sta, New Orleans LA 1975.
Lang: Fr 1-2-2, Sp 2-3-3.
Mbr: Rural Sociological Soc; Soc of Am Foresters.

PODANY, Joseph C., 4204 Lyons Street, SE Washington DC 20031.

POFFENBERGER, Paul R., 1108 Symons Hall, College of Agr, Univ of Maryland, College Park MD 20742; PH 301-454-3708.
Prof Assoc, Univ of MD (03) 02, 08.
b. 1913; M-2.
BS 1935, MS 1937 Univ of MD; PhD 1953 American Univ.
Fields: 017, 013, 014.
Prev Emp: Lt, US Navy, Pacific Area 1943-56.
Pub: Maryland Farmers Look at Social Security, MD Agr Exp Sta 1953; An Anal of Rural Cooperative Credit in Maryland, MD Agr Exp Sta 1955; Prices Paid by Maryland Farmers, MD Agr Exp Sta, 1954.
Mbr: AAAS.
Hon: Who's Who in Am; American Men & Women of Science; Who's Who in the East; Who's Who in Education; Who's Who in Am Colleges & Univ Adm; Omicron Delta Kappa; Phi Kappa Phi; Alpha Zeta.

POH, Kok K. P O Box 451, Kuala Lumpur, Malaysia ; PH 03-741815
Economist, KPM, Khidmat Mgmt Consultants (54) 22, 07.
b. 1947 Malaysia; Citz: Malaysia; M-1.
BS 1970 Univ of HI; MS 1972 Univ of HI.
Fields: 011, 015, 020, 070.
Prev Emp: Head of Res., Fed Land Devl Malaysia 1973-74; Planning Officer, Fed Land Dev,Malaysia 1972-73; Res Asst, HI Inst of Marine Biology, Honolulu 1971.
Pub: Economics & Market Potential of Precious Coral Industry in Hawaii, SEA Grant Program, HI 1971.
Lang: Mandairn; Other: Malay 1-1-1, Eng 1-1-1.
Mbr: Malaysian Econ Assoc.
Hon: Gamma Sigma Delta, Univ of HI Chpt.

POLING, Earl F., RFD # 4, Marysville OH 43040.

POLLAK, David J., Rechov Skoluv 2, Apt 10, Rehovot, Israel.

POLLAK, Peter Karl, D-418, 1818 H Street NW, Washington DC 20433; PH 202-477-4060.
Economist, World Bank (66) 07, 15.
b. 1940; Austria; Citz: Austria; M-2.
PhD 1966 Univ of Vienna; PhD 1974 Univ of MN.
Fields: 016, 081, 111, 075.
Prev Emp: Mgmt Consultant, Private Comp Vienna, Austria 1965.
Pub: Thailand's Oilseeds Markets, Dissertation; The Subcontracting System, Dissertation.
Lang: German; Others: Sp 2-2-2, Eng 1-1-1.

POLLOCK, Ronald H., American Embassy/AID, APO New York NY 09899.
Agr Econ, Agency for Intl Devl (24) 18, 22, 19.
b. 1923; M-4.
BS 1948, MS 1949, PhD 1959 OH St Univ.
Fields: 014, 091, 015, 159.
Prev Emp: Bus. Mgr, OH St Univ 1959-67; Instr, OH St Univ 1951-59; Instr, Pettisville High School, Pettisville OH 1949-51.
Lang: Sp 2-2-2. Mbr: AMA.

POLOPOLUS, Leo, Dept of Food & Res Econ, 1157 McCarty Hall, Univ of Florida, Gainesville FL 32611; PH 904-392-1826.
Chairman & Professor, Univ of FL (03) 02, 07, 09.
b. 1933; M-3.
BS 1955 Univ of CA, Davis; PhD 1960 Univ of CA, Berkeley.
Fields: 014, 101, 017, 121.
Prev Emp: Asst Dean, Grad School, Univ of FL 1969-73; Dir, Econ Res Dept, FL Citrus Comm, Gainesville 1966-68; Assoc Prof, LA St Univ, Baton Rouge 1963-65.
Pub: Optimum Plant Numbers and Locations for Multiple Product Processing, AJAE 1965; Optimum Allocation of Generic Advertising Budgets, AJAE 1971; Florida Agricultural Labor & Unemployment Insurance, FL Agr Exp Sta Bull 767, 1975.
Lang: Gr 3-3-2, Sp 3-3-3.
Mbr: AEA; SAEA; IAAE.
Hon: Who's Who in South & Southwest; Am Men & Women of Sci; Who's Who in Finance & Ind; Phi Kappa Phi; Phi Beta Kappa; Jr Fac Award from Gamma Sigma Delta, Univ of Florida.

POLSON, Jim G., 317 S Fayette, Washington OH 43160; PH 614-335-4239.
Area Farm Mgmt Agent, Coop Ext, OH St Univ (03) 09, 20.
b. 1943; M-1.
BS 1966, MS 1968 OK St Univ.
Fields: 012, 011, 013.

POMAREDA, Carlos F., Devl Research Center, World Bank, 1818 H Street, Washington DC 20433; PH 202-477-5614.
Consultant, World Bank (66) 07, 15, 19.
b. 1947; Citz: Peru; M.
BS 1969, LA Molina, Peru; MS 1973 NC St Univ, Raleigh.
Fields: 035, 073, 016, 084.
Prev Emp: Cons., DRC World Bank, Wash., DC 1975-76; Res Asst, NC St Univ, Raleigh 1973-75.
Pub: Equilibrum Quantity and Timing of Mexican Vegetables Exp, AJAE 1975; A Risk Programming Model for Mexican Vegetable Exports, L. Bassoca et al 1976.
Lang: Spanish; Other: Por 2-2-3.
Mbr: IAAE; AWRA.
Hon: Omicron Delta Epsilon; Hon Soc of Econ; Outstanding Thesis Award; Agr Engineer Hon.

PONDER, Henry, Harden & Blanding Streets, Columbia SC 29204 PH: 803-779-4930.
President, Benedict College (03) 02, 01.
b. 1928; M-2.
BS 1946 Langston Univ; MS 1958 OK St Univ; PhD 1963 OH St Univ.
Fields: 015, 016.
Prev Emp: VP, Agr Affairs, Alabama A&M Univ, Normal AL 1969-73; Dean of College, Alabama A&M Univ 1966-69; Ft Valley St College, GA 1964-66.
Pub: A Comparative of Selected Store Activities for Four Supermarkets, Columbus OH 1963.
Mbr: Richland Memorial Hospital, Board of Dir; Columbia Human Relations Coun.
Hon: Personalities of the South 1973 Ed; Who's Who in the South & Southeast; Who's Who in Finance & Industry.

PONDER, Homer G., Econ & Finance Dept, College of Adm & Business, LA Tech Univ, Ruston LA 71270; PH 318-257-2112.
Professor, LA Tech Univ (03) 08, 07, 09.
b. 1929; M-4.
BS 1950 , MS 1957, PhD 1962 LA St Univ.
Fields: 141, 060, 104.
Prev Emp: Agr Econ, USDA, Washington DC 1962-66.
Pub: Louisiana Agriculture: Farm Income Situation, LA Tech Univ 1975; Louisiana Agriculture, Some Observations, LA Tech Univ 1973; Costs of Storing & Handling Cotton at Public Storage Facilities, 1964-65, USDA, Washington DC 1966.
Mbr: SEA; AEA; Academy of LA Economists.

PONGSRIHADULCHAI, Apichart, Div of Agr, Econ Mins of Agr & Coops, Bangkok, Thailand.
Statistician, Govt (26) 07, 06.
b. 1946 Thailand; Citz: Thai; D-1.
BS 1968 Kasetsart Univ; MS 1974 Univ of KY.
Fields: 081, 083, 017, 018.
Prev Emp: Agronomist, Mins of Agr, Thai. 1969-72.
Lang: Thai; Other: Eng 1-2-2.

POORE, Edwin R., 6 Penfold Crescent, Winnipeg, Manitoba, Canada R2J1S2.

POPE, Ruion D., Room 207 Giannini, Univ of California, Berkeley CA 94720; PH 415-642-2619.
Postgrad Res Econ, Univ of CA (03) 23, 07.
b. 1945; M-2.
BS Econ 1971 Brigham Young Univ.
Fields: 011, 013, 016, 017.
Prev Emp: Adm Asst, Dept of Labor, St of IL, Chicago 1971.

POPKIN, Barry M., Rockefeller Foundation 1133 Avenue of the Americas, New York NY 10036.
Vstg Assoc Prof, Rockefeller Foundation (72) 08, 07.
b. 1944; D.
BA 1967 Univ of WI; MS 1969 Univ of WI; PhD 1974 Cornell Univ.
Fields: 040, 051, 072.
Prev Emp: Assoc Dir, INCAP, Cornell Univ 1972-74; Res Assoc, Poverty Inst, WI, 1971-72; Econ AT&T, WI 1970-71.
Pub: Human Res Devl and Productivity: Nutrition, Jour of Finance & Econ, 1976; Economic Benefits from Elimination of Hunger in USA, Public Policy 1972; Income, Time and Working Mother, Jour of Trop Ped 1976.
Lang: Hindustani 3-3-3.
Mbr: AEA; PEA; AAAS.
Hon: Woodrow Wilson Foundation Scholar.

PORTELLO, William Les, 1220 N Street, Sacramento CA 95616; PH 916-445-5141.
Agr Econ, CA Dept of Food & Agr (40) 06, 19.
b. 1938; M-2.
BS 1961, MS 1965 Univ of CA, Berkeley; Univ of CA, Davis.
Fields: 091, 012, 011, 094.
Prev Emp: Agr Econ, CA Dept of Food & Agr, Sacramento, 1965 to date; Econ, Dole Corp, San Jose CA 1962-63.
Pub: Almonds - A Review of the Past and Present, CA Dept of F & A 1966; California Agriculture & National Transportation Policy, CA Dept of F&A 1966; Land Conservation Act Handbook, CA Dept of F&A 1967.
Lang: Sp 3-3-3, Ita 3-3-3.

PORTEOUS, William L., Agr Div, Statistic Canada, Ottawa, Ontario, Canada; PH 613-994-9828.
Director, Stat Canada, 06.
b. 1920; Citz: Canada; M-4.
BS 1949 Univ of Sask; MSA 1950 Univ of
Mbr: AIC-OIA; CAES; IAEA.

PORTER, Charles W., ERS-CED-FVST-USDA, Washington DC 20250.

PORTER, Kenneth D., Alberta Dept of Agr 9817-108 Street, Edmonton, Alberta, Canada.

PORTER, Winston D., PO Box 1195 Station "B", Ottawa, Ontario, Canada K1P5R2; PH: 613-825-2857.
Retired (75) 26, 27.
b. 1914; Citz: Canada; M-4.
B Comm 1936 Univ of Alberta; MA 1938 Univ of Alberta.
Fields: 159, 111, 112, 047.
Prev Emp: Dir-Gen, Census Br Stat Can, Ottawa 1966-73; Dir, Agr & Food OECD, Paris 1962-66; Assoc Dir, Agr Div, Ottawa 1946-66.
Lang: Fr 1-2-2.
Mbr: AIC, Past VP & Chrmn, Fin. Comm; CIIA; IAAE, Past Sec-Treas.
Hon: Agr Inst of Canada; Fellow, Agr Inst of Canada.

POUDEL, Pramila K., Draper Hall, Dept of Agr Econ, Univ of Massachusetts, Amherst MA 01002.
Res Asst, Univ of MA (03) 07, 020.
b. 1942 Nepal; Citz: USA; M-3.
BA 1960 TU; Ma 1973 Univ of MA; PhD 1975, Univ of MA,
Fields: 026, 085, 066, 038.
Prev Emp: Tchg Asst, Univ of MA, Amherst 1972-73.
Lang: Nepali; Other: Eng 1-1-1.
Mbr: AEA; NAEC.

POWE, Charles E., USDA, Washington DC 20250; PH 202-447-8099.
Agr Econ, USDA-FCS (19) 07.
b. 1942 Mississippi; M.
BS 1964, MS 1966 MS St Univ; PhD 1973 Univ of FL.
Fields: 016, 014, 101.
Pub: A Model for Evaluating Alternative Policy Decisions for the Florida Orange Industry, Univ of FL Dissertation 1973.
Mbr: SAEA.

POWELL, Jules V., CED-ERS-USDA, Rm 200, GHIBldg, Washington DC 20250; PH 202-447-8618.
Sr Agr Econ, USDA (16) 07, 06, 22.
b. 1919 West Virginia; M-3.
BS 1946, 1937-41 WV Univ; MA 1948 WA St Univ.
Fields: 014, 018, 073, 019.
Mbr: AEA; SAEA; NAEC.

POWELL, L.A. Sr., 8014 Gosport Lane, Springfield VA 22151.

POWELL, Roy A., Dept of Agr Econ & Bus Mgmt, Univ of New England, Armidale, NSW 2351 Australia; PH 067-72-2911.
Doctor-Sr Lectr, Univ of New England (03) 08, 07, 21.
b. 1942 Australia; Citz: Australia; M-2.
BC 1964, Dip Ed 1964 Univ of Melbourne; PhD 1976 Univ of New England.
Fields: 017, 112, 011.
Pub: Technological Change in Australian Agriculture 1920-21 to 1969-70, PhD Dissertation, Univ of New England 1974.
Lang: Ger 2-3-3.

POWERS, David C., PO Box 270, Hartford CT 06101; PH 203-666-6911.
Assoc Load Res Anal, NE Utilities Serv Co (51) 15, 07.
b. 1948 New Jersey; M.
BS 1970, MS 1972 Rutgers Univ; 1972-75 Univ of CT.
Fields: 081, 082, 075.
Prev Emp: Grad Asst, Dept of Agr Econ, Univ of CT, Storrs 1972-75; Res Intern, Rutgers Univ, NJ 1971-72.
Pub: The Cost of Alternative Trucking Methods for the Delivery of Surplus Food Commodities to New Jersey's Public School Districts, Dept of Agr Econ & Marketing, Rutgers Univ, Aug 1972.
Lang: Fr 3-3-2.

POWERS, Mark J., 120 Connecticut Avenue, Washington DC 20036; PH 202-254-6124.
Chf Econ, Commodity Futures Trading Comm (36) 06.
b. 1940 Wisconsin; M-2.
BS 1963 WI St Univ; MS 1966, PhD 1966 Univ of WI.
Fields: 116, 014, 016.
Prev Emp: Assoc Prof Econ, SD St Univ, Brookings 1966-70; Sr V. Pres, Chicago Mercantile Exchange, Chicago 1970-75.
Pub: Economic Analysis of Futures Mkt for Pork Bellies, PhD Dissertation 1966; Does Futures Trading Reduce Cash Price Fluctuations, AER, June 1970; Importance of Contract Specifications to Success of Futures, JFE, Dec 1967.
Mbr: Natl Econ Club; Chicago Econ Club.
Hon: Sigma Xi.

PRASIT, Supradit, Div of Agr Econ, Mins of Agr, Bangkok, Thailand.

PRATER, Tom E., TX Agr Ext, Texas A&M Univ, College Station TX 77843; PH 713-845-8011.
Econ, TX Agr Ext, TX A&M Univ (17) 09.
b. 1923 Texas; M-1.
BS 1947, MS 1949 TX A&M Univ; Prof Improvement 1962, NC St Univ.
Fields: 012, 013.
Pub: Plan Your Estate Now, TX A&M Univ 1975.
Mbr: TX-SFM&RA; SAEA.
Hon: Man of the Year in Ext 1974-75, TX A&M Univ.

PRATO, Anthony A., Dept of Economics, CO St Univ, Fort Collins CO 80523; PH 303-491-6657.
Assoc Prof, CO St Univ (03) 08, 07.
b. 1943 New York; M-1.

BS 1964 Univ of CT; MS 1966 Purdue Univ; MA 1968, PhD 1969 Univ of CA, Berkeley.
Fields: 080, 020, 050, 010.
Prev Emp: Asst Prof, Univ of FL, 1969-73.
Pub: Economic Value of Wildlife, WAEA Proceedings 1975; Internalizing Externalities, WAERC 1974; Economic Imp of Inter Coop, Univ of FL Exp Sta Bull, 1975.
Lang: Sp 3-0-0, Fr 3-0-0.
Mbr: AEA; ASA.

PREACHET, Bruce, Econ Div, Mins of Agr, PO Box M-37, Accra, Ghana.

PRICE, Carter, Dept of Agr Econ & Rural Soc, Univ of Arkansas, Fayetteville AR 72701; PH 501-442-2793.
Professor, Dept of Agr Econ & Rur Soc, Univ of AR (03) 07, 08.
b. 1933 Texas; M-3.
BS 1954, MS 1959 TX A&M; PhD 1964 LA St Univ.
Fields: 014, 016, 051.
Prev Emp: Instr, LA St Univ, Baton Rouge, 1959-61, 1963-64; Grad Res Asst, LA St Univ, Baton Rouge 1961-63.
Pub: Arkansas Interregional Comp Pos Apple Mktg, Fayetteville AR 1973; Guide Production Selected Fruit Crops in Arkansas, Fayetteville AR 1973; Tomato Mkt Practices, Results, Alternatives, Little Rock AR 1975.
Lang: Fr 3-0-0, Ger 3-0-0.
Mbr: SAEA.
Hon: Gamma Sigma Delta; Phi Kappa Phi.

PRICE, David W., Dept of Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-1006.
Assoc Prof, WA St Univ (03) 07, 08.
b. 1936 New York; M-2.
BS 1957, MS 1959 PA St Univ; PhD 1965 MI St Univ.
Fields: 051, 016, 088.
Prev Emp: Asst Prof, WA St Univ, Pullman 1964-70; Instr, WA St Univ, Pullman 1962-64; Res Asst, MI St Univ, 1959-62.
Pub: Supply Response & Marketing Strategies for Deciduous Crops, AJAE 1974; Intraseasonal Demands, Supply & Allocation of Washington Apples, WA St Univ Exp Sta 1973; Unit Equivalent Scales for Specific Food Commodities, AJAE 1970.
Lang: Sp 3-0-0.
Mbr: AEA; WAEA; AAPSS.
Hon: Who's Who in America.

PRICE, Edwin C., Intl Rice Res Inst, Los Banos, Lagune, Philippines.
Agr Econ, Intl Rice Res Inst (72) 07.
b. 1942; M-2.
BS 1966 Univ of FL; MA 1968 Yale Univ; PhD 1973 Univ of KY.
Fields: 011, 016, 073, 012.
Prev Emp: Econ, Fed Res Bd, Wash DC 1972-7
Pub: Aggregate Bovine Supply in NE Thai, U Diss. 1973; An Empirical Test of the Z-Goods Model of Agr Devl, Intl Jour of Agr Affairs 1975.
Lang: Indonesian 1-3-1.
Hon: Sigma Pi Sigma; Phi Kappa Phi; Gamma Sigma Delta.

PRICE, H. B., Westminister Terrace, Retirement Home, 2116 Buechel Bank Road, Louisville KY 40218.

PRICE, Tim, Dept of Agr Econ, Texas A&M Univ, College Station TX 77843.

PRIEBE, Ted A., Suite G, 5520 Touhy Ave, Skokie IL 60076; PH 312-676-4060.
V. Pres, Ed, Agr Finance Magazine (78) 27.
b. 1946 Indiana; U.
BA 1968 Purdue Univ.
Fields: 159.
Prev Emp: Asst Exec Sect, Alpha Gamma Rho, Des Plaines IL 1968-73.
Mbr: AA Agr Editors; Natl Agr Mktg Assoc; ASFM&RA.

PRIGGE, G. Ray, Dept of Agr Econ, Univ of ID, Moscow ID 83843; PH 208-885-6262
Asst Prof, Univ of ID (03) 09, 20.
b. 1940 USA; M-3.
BS 1962, MS 1964 Univ of KY; PhD 1970 OH St Univ.
Fields: 012, 070, 060.
Prev Emp: Team Leader, Clapp & Mayne Inc, Cons, Debre Zeit, Ethiopia 1973-75; Chrmn, Dept of Econ & Bus, Mount Union College, OH, 1970-73; Mgr. So Br, OH Agr Res & Devl Center, Ripley OH 1966-68.
Lang: Sp 3-3-3.
Mbr: AEA.

PRIMM, Barry K., KS St Univ, Econ Dept, Manhattan KS 66506; PH 913-532-6714.
Grad Res Asst, KS St Univ (03) 23, 07, 08.
b. 1950 Kansas; U.
BA 1972 Graceland College, IA; MS 1974 KS St Univ; 1974-76 KS St Univ.
Fields: 011, 075, 035, 016.
Prev Emp: Grad Res Asst, KS St Univ, 1973-76; Grad Tchg Asst, KS St Univ 1972-73.
Pub: Future of the Kansas Economy, KS St Univ 1974; Value of Crop Production to the Kansas Economy, KS St Univ 1975; Rural Devl of Northwestern Kansas Through a Linear Programming Model, PhD Thesis 1976.
Mbr: MWEA;
Hon: Omicron Delta Epsilon; Graduated Cum Laude.

PRINDLE, Allen M., Dept of Agr Econ, PA St Univ, University Park PA 16801; PH 814-865-6361.
Grad Asst, PA St Univ (02) 23, 07.
b. 1947 Wisconsin; M.
BS 1970 Univ of WI, River Falls; MS 1972 Purdue Univ.
Fields: 016, 017, 018.
Pub: Income Characteristics of Farm Families in the Corn Belt, Agr Finance Review 1973.

PRINGLE, George E., Agr Exp Sta, Univ of Puerto Rico, Rio Piedras PR 00980; PH 809-767-9705.
Dir, Dept of Agr Econ, Univ of Puerto Rico Agr Exp Sta (03) 02, 07, 08.
b. 1926 South Dakota; M-3.
BA 1954 Inter Am Univ; MS 1958 Cornell Univ; PhD 1969 Univ of WI.
Fields: 012, 014, 017.
Lang: Sp 1-1-1.
Mbr: SAEA; PR Soc Agr Sci.
Hon: Phi Kappa Phi.

PROCHASKA, Fred J., 1170 McCarty Hall, Univ of FL, Gainesville FL 32611; PH 904-392-4991.
Assoc Prof, Univ of FL (03) 07, 08.
b. 1942 Texas; M-3.
BS 1964 TX Tech; MS 1966 TX A&M; PhD 1970 NC St Univ.
Fields: 051, 101, 024, 016.
Prev Emp: Instr, NC St Univ, 1966-70.
Pub: Opportunity Cost of Time and Other Socioeconomic Effects on Away-From-Home Food Consumption, AJAE 1974; Shrimp Processing in the Southeast: Supply Problems and Structural Change, SJAE, 1974; Florida's Fisheries Mgmt Programs: Their Development, Administration & Current Status, FL Agr Exp Sta 1975.
Mbr: SAEA.
Hon: AAEA Diss. Award 1971; Phi Kappa Phi; Alpha Zeta.

PROENZA, Francisco J., Org of Am States, Washington DC 20006; PH 202-381-8648.
Econ, Org of Am States (67) 22, 07, 18.
b. 1947 Cuba; Citz: USA; M-1.
BA 1969, PhD 1976 Univ of FL.
Fields: 073, 081, 121, 040.
Prev Emp: Agr Econ, USDA, Washington DC 1975-76; Res Asst, Univ of FL 1970-75.
Pub: Hedging & Speculation in FCOJ Futures Market, Univ of FL Dept Rpt April 1972.
Lang: Spanish; Other: Eng 1-1-1.
Mbr: AEA; ES; Latin Am Studies Assoc.
Hon: Phi Beta Kappa; Phi Kappa Phi; Gamma Sigma Delta.

PROUD, Roger B., Agr Div, Stat Canada, Ottawa, Ontario, Canada; PH 613-994-9876.
Sec Chf, Canadian Fed. Govt, 06.
b. 1934 England; Citz: Canada; M-2.
BS 1954 New Castle; MS 1959 Univ of Manitoba.
Fields: 018, 014, 086.
Lang: Fr 1-3-2.
Mbr: CAES.

PUBOLS, Ben H., 5249 N 26th Street, Arlington VA 22207.
Retired (76) 26.
b. 1899 Oregon; W-2.
BS 1926 OR St Univ; MS 1927 KS St Univ; MA 1939, PhD 1943 Harvard Univ.
Fields: 014, 016, 018.
Prev Emp: Prin. Agr Econ & Head Frt Sect, USDA, Washington DC 1943-66; Prof & Head of Dept, WA St Univ, Pullman 1934-43; Agr Expert, U.S. Tariff Comm, Washington DC 1928-30.
Pub: Projections of Apple Production in the U.S., US Senate, Washington DC 1964; Factors Affecting Prices of Pears, USDA , Washington DC 1959; Prospective Farming on the Columbian Basin Irrigation Project, Bull. 456, WA St Univ 1945.
Lang: Ger 1-2-1, Fr 2-3-3.
Mbr: WAEA, V. Pres 1936-37; Natl Geographic Soc; G. Washington Masonic Natl Mem Assoc.
Hon: Am Men & Women of Science; Who's Who in the South & Southwest; Phi Kappa Phi; Gamma Sigma Delta; Alpha Zeta.

PUGH, Charles R., 3136 EDH Hill Library, NC St Univ, Raleigh NC 27607; PH 919-737-2885.
Ext Prof, NC Agr Ext (03) 09, 08.
b. 1929 North Carolina; M-4.
BS 1951, MS 1954 NC St Univ; PhD 1961 Purdue Univ.
Fields: 017, 012, 060, 018.
Prev Emp: In Charge, Ext Farm Mgmt, NC St Univ, Raleigh 1963-72; Agr Policy Spec, NC St Univ 1961-63; Farm Mgmt Spec, NC St Univ 1954-59.
Pub: Structure of Southern Farms in the Future, Raleigh NC, API 1964; Educational Programs for Commercial Agriculture, SJAE, July 1973.
Lang: Fr 3-3-0, Sp 3-3-0.
Mbr: SAEA; NC-SFM&RA.
Hon: Epsilon Sigma Phi; Chrmn, So Ext Committees on Comm Agr 1973; So Ext Farm Mgmt 1966.

PULCHRITUDOFF, N., Dept of Economics & Statistics, California St Univ, 5151 St Univ Drive, Los Angeles CA 90032.

PULVER, Glen C., Dept of Agr Econ, 340 Agr Hall, Univ of Wisconsin, Madison WI 53706; PH 608-262-3653.
Professor, Univ of WI (03) 09, 07, 08.
b. 1929 Wisconsin; M-2.
BS 1951, MS 1955, PhD 1956 Univ of WI.
Fields: 031, 070, 094.

Prev Emp: Dean, Univ of WI-Ext, Madison 1966-74; Asst Dir, Coop Ext, Purdue Univ, Lafayette IN 1964-66.
Pub: Perspective on American Society Today, Jour of the Community Devl Society 1974; Public Programs Directed Toward Improved Living in Rural Areas, Benefits & Burdens of Rural Devl, IA St Press 1970; The Agony of the Innercity North, NUEA Spectator 1968.
Lang: Por 1-1-1, Sp 2-3-3.
Mbr: UW-Ext Comm Devl Assoc; CDS, Board 1974-76.
Hon: Epsilon Sigma Phi; Who's Who in Am; Phi Kappa Phi.

PURCELL, Joseph C., Dept of Agr Econ, GA Experiment Station, Experiment GA 30212; PH 404-228-7231.
Professor, Univ of GA (03) 07, 02, 09.
b. 1921 Virginia; M.
BS 1948, MS 1951 VPI & St Univ; PhD 1956 IA St Univ.
Fields: 014, 016, 017, 018.
Prev Emp: Asst-Assoc Prof, Univ of GA, Griffin GA 1953-60; Agr Econ, USDA, Washington DC 1951-52.
Pub: Price Elas from Panel Data, Animal Jour, Agr Econ 1971; Quantity-Income Elasticities for Food, Animal Journal Agr Econ 1967; Lamb & Relations in Livestock Meat Sector, Univ of VA 1968.
Lang: FR 2-0-0, Ger 2-0-0. Mbr: SAEA;SAAS.
Hon: Who's Who in South & Southwest; Am Men & Women of Science; Dist Faculty Award; Sears Foundation Res Award; Gamma Sigma Delta.

PURCELL, Wayne D., Dept of Agr Econ, Oklahoma St Univ, Stillwater OK 74074.

PURVIS, Malcolm J. 337 COB, Univ of Minnesota, St Paul MN 55108; PH 612-373-0951.
Assoc Prof, Univ of MN (03) 08, 07.
b. 1940 UK; Citz: UK; M-2.
BS 1962 Univ of London; MS 1964, PhD 1966 Cornell Univ.
Fields: 073, 077, 052, 012.
Prev Emp: Asst Prof, MI St Univ, Nigeria 1966-68; Res Asst, Cornell Univ, 1962-66.
Pub: Mexican Wheats in Tunisia, AJAE 1972 Food Economy of Malaysia, Dissertation 1966.
Lang: Fr 1-1-1, Ger 3-3-3.
Mbr: SID.

PUTHIGORN, Banlu, 33 U Soisomtharil, Bangson, Bangkok, Thailand.

QUACKENBUSH, Gerald G., 6300 N. River Rd, Rosemont IL 60018; PH 312-696-1860.
Dir Mktg & Econ Res, United Dairy Ind Assoc (53) 07.
b. 1916 Wisconsin; M-3.
BS 1941 Univ of WI; MS 1942, PhD 1947 Purdue Univ.
Fields: 051, 014, 095, 053.
Prev Emp: Dir Mktg Res, Am Dairy Assoc, Chicago 1960-71; Prof., MI St Univ, E. Lansing 1947-60.
Mbr: AMA.
Hon: Who's Who in America; Am Men & Women of Science.

QUANCE, C. Leroy, USDA-ERS-NEAD, Rm 248, 500 12th Street SW, Washington DC 20250; PH 202-447-7681.
Prog. Leader-Econ Proj, USDA-ERS-NEAD (16) 07, 15, 06.
b. 1935 Oklahoma; M-4.
BS 1958, MS 1963 OK St Univ; PhD 1967 MI St Univ.
Fields: 016, 017, 075, 088.
Prev Emp: Leader Proj, Moleling Team, NRED, ERS, Washington DC 1972-73; Econ, NRED-ERS, Washington DC 1970-72; Econ, FPED-ERS, Stillwater OK 1967-70.
Pub: Overproduction Trap in U.S. Agriculture, Johns Hopkins Press 1972; Positivistic Measures of Agg. Supply Elasticities, AJAE 1969.
Lang: Sp 3-0-0.
Mbr: SAEA.

QUANSAH, Gaddiel D., Econ Res & Plng Service, PO Box 547, Cape Coast, Ghana Africa; PH 042-2546.
Reg Agr Econ, Ministry of Agr, Ghana (78) 06.
b. 1939 Ghana; Citz: Ghana; M-3.
BA 1967 Univ of Cape Coast; MS 1971 Univ of Sci & Tech, Kumasi; MS 1975 NM St Univ.
Fields: 015, 019, 014, 016.
Pub: Geographic Controls in Line Farming, Univ of Cape Coast 1967; Food Processing Industries in North Ghana, Univ of Sci & Tech, Kumasi 1971; Oil Palm Processing Plants in Ghana, NM St Univ 1975.
Lang: Tante; Eng: 1-1-1.

QUEIROLO, Lewis E., Dept of Agr & Res Econ, OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Res Asst, Dept of Agr & Res Econ, OR St Univ (03) 07, 23.
b. 1947 Washington; M-2.
BS 1974, MS 1976 OR St Univ.
Fields: 024, 081, 156.
Prev Emp: Res Asst, OR St Univ, Corvallis 1973 to date.
Hon: Phi Kappa Phi; Awarded Grad Fellowship Univ of British Columbia.

QUENEMOEN, Merle E., Dept of Agr Econ, MT St Univ, Bozeman MT 59715; PH 406-994-3706.
Professor, MT St Univ (03) 02, 08, 09.
b. 1927 Montana; M-4.
BS 1951, MS 1953 MT St Univ; PhD 1966 MI St Univ.
Fields: 012, 017, 013, 011.
Prev Emp: Assoc Prof, OK St Univ, Ethiopia 1966-68; Instr, Dickinson St Teachers College, Dickinson ND 1950-52.
Pub: The Management Factor in Commercial Agriculture, JFE 1965; Farming Systems in Ethiopia, HSI Univ, Ethiopia 1968; Budgets for Farm and Ranch Decisions, Ext Service, MI St Univ 1975.
Lang: Ger 2-0-0, Sp 2-0-0.
Mbr: WAEA, MT Soc FM&RA.
Hon: WAEA Outstanding Ext Prog 1974.

QUILKEY, John d., School of Agr, LaTrobe Univ, Bundoora, Victoria 3083, Australia; PH 479-2165.
Deputy Dean, Sch of Agr, LaTrobe Univ (03) 24, 23, 02.
b. 1930 Australia; Citz: Australia; M-2.
BE 1958 Sydney; PhD 1975 Univ of New England.
Fields: 014, 017, 040, 062.
Prev Emp: Sr Lecturer, LaTrobe Univ, Melbourne 1973; Res Fellow, Univ of New England, Armidale 1970; Econ, Res Bank, Australia 1965.
Pub: Demand for Rice, U.N.E., 1974; Merino Export Embargo, Australian JAE 1970; Harmonic Analysis, AJAE 1972.
Lang: Fr 2-2-3.
Mbr: IAAE; AIAS; AAES, Sec. 1962-65, Vic. Branch Pres. 1975.

QUINONES, Edward, Rafael Salgado 15, Madrid 16 Spain; PH 91-247-6202.
Consultant, Self-Employed (75) 17, 20, 11.
b. 1934 New York; M-6.
AAS 1954 Long Island Agr & Tech Inst; BS 1957 MI St Univ; MS 1958 OH St Univ; 1968 Am Mgmt Assoc.
Fields: 011, 094, 151, 117.
Prev Emp: Gen Sales Mgr, Super-S Formula Feed, Valencia, Venezuela 1970; Mgr Mkt Res, Intl Multi-foods, MN 1966; Asst Agr Attache, FAS-USDA, Washington DC 1961.
Pub: Structure of the World Demand for Fats & Oils, Dissertation, OH St Univ 1958; Demand for Fats & Oils in India, Foreign Agr USDA 1961; Agrarian Reform in Venezuela, For Agr USDA 1962.
Lang: Sp 1-1-1.
Mbr: ASAC; SID; Registered: World Bank, FAO, AID, IAD Bank.

RACKHAM, Thomas S., 4th Floor, Agr Bldg, 9718-107 Street, Edmonton, Alberta, Canada T6G 2B1; PH 403-427-2633.
Br Head, Intl Devl, Province of Alberta Dept of Agr (40) 01, 22, 18.
b. 1914 Canada; Citz: Canada; M-5.
BS 1937 Univ of Saskatchewan; MS 1955 MT St Univ; PhD 1959 Iowa State University.
Fields: 011, 018, 073, 155.
Prev Emp: Cons, ADB, IBRD, CIDA, Manila, Afghanistan, Indonesia, 1970, 1973, 1974; Mkt Res Spec, Yuayas Cons, Ecuador 1971-72; Tech Off P4, FAO, Rome, Turkey, Nigeria, Cairo, Brazil 1962-67.
Lang: Fr 2-0-3, Sp 2-0-3, Tur 3-0-3.
Mbr: CAES; AIC; IAAE; Agrologists Inst of Alb.
Hon: Am Men & Women of Science; Who's Who in the West; Cert Banff School of Adv. Management.

RADER, Lynn, 500 12th Street SW, Washington DC 20250; PH 202-447-8857.
Asst Dir, USDA-ERS-CED (16) 06.
b. 1919 Illinois; M.
BS 1951, CO St Univ; PhD 1963 Univ of CA.
Fields: 011, 012.
Prev Emp: Dep Dir, FPED-ERS, Washington DC 1971-73; Forester, U.S. Forest Serv, Washington DC 1963-67; Res Forester, Pac SW Forest & Range Exp Station, Berkeley CA 1960-62.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: WAEA; Soc for Range Mgtm.

RADES, Robert J., Agr Econ Dept, Krannert Bldg, Purdue University, W. Lafayette IN 47907; PH 317-493-3366.
Asst Prof, Purdue Univ (03) 09, 07, 14.
b. 1936 Wisconsin; M-5.
BS 1957, MS 1960 Univ of WI; PhD 1972 Purdue Univ.
Fields: 012, 083.
Prev Emp: Agr Stat, USDC Agr Census Div, Parsons KS 1959-61.

RADTKE, Hans D., Div of Agr & Res Econ, School of Agr, Reno NV 89507; PH 702-784-6701.
CRD Prog Ldr, Univ of NV-Reno (03) 09, 08.
b. 1940 Germany; Citz: USA; M-2.
BS 1964 Portland St Univ; MA 1967 MT St Univ; PhD 1972 OR St Univ.
Fields: 031, 042, 032, 038.
Prev Emp: Res Fellow, OR St Univ, Corvallis 1970-72; Res Assoc, MT St Univ, Bozeman MT 1968-69.
Pub: The Hutterites in Montana; An Economic Description, MT State 1971; Benefits & Costs of a Physician to a Community, AJAE 1974.
Lang: German; Other: Sp 2-3-2.
Mbr: WAEA, CDS.

RAE, Allan N., Dept of Agr Econ, Massey Univ, Palmerston North, New Zealand; PH 69099.
Sr Lecturer, Massey Univ (03) 08, 07.
b. 1943 New Zealand; Citz: NZ; M-2.
BHSC 1966; MHSC 1969 Massey, NZ; PhD 1972 New England Aust.
Fields: 011, 014.
Pub: Crop Management Economics, London 1976; Model of New Zealand Apple Supply Response, Australian JAE 1975; Stochastic Programming Farm Mgmt, AJAE 1971.
Lang: Fr 3-3-3.
Mbr: Australia AES.

RAFELD, Frederick J., Economics Dept, Ashland College, Ashland OH 44805; PH 419-289-5172.
Assoc Prof, Ashland College (03) 08, 07, 21.
b. 1940 Ohio; M-2.
BS 1962, MS 1965, PhD 1968 OH St Univ.
Fields: 141, 131, 081, 012.
Prev Emp: Asst Prof, LA St Univ, Baton Rouge LA 1968-70; Agr Econ, USDA, Columbus OH 1962-68.
Pub: Empirical Testing of a Farm Firm Growth Theory, SJAE 1970; Actual & Optimal Adjustments on 320-Acre Farms, Ohio, OH Res & Devl Center, Wooster 1967.
Lang: Sp 3-0-0.
Mbr: AEA.

RAFSNIDER, Giles T., NA-S&PF, 6816 Market Street, Upper Darby PA 19082; PH 215-596-1624.
Econ, U.S. Forest Service (23) 07, 15, 19.
b. 1941 Ohio; M-2.
BS 1965 UT St Univ; MS 1967 Univ of NV; PhD 1974 Univ of MA.
Fields: 023, 026, 085, 081.
Prev Emp: Res Dir, NV Insurance Div, Carso City 1973-74; Sr Res Anal, NV Comp Health Planning, Carson City 1971-73; Cons Econ, ID St Plng Agency, Boise 197
Pub: Idaho Input-Output Model, Boise ID 1971; Analysis Implications Harvest Level Changes in Idaho Forestry, Upper Darby PA 1974.
Mbr: AEA; WAEA; SAF.
Hon: Fellow of the Risk Theory Seminar

RAFTER, Bill, 7 Penn Center Lobby, Philadelphia PA 19103; PH 215-864-7010.
Stotler & Co (51) 07, 11, 15.
b. 1948 Pennsylvania; M-1.
1969 Wharton School; 1971 Univ of CA, Berkeley.
Fields: 133, 081, 094, 016.

RAHMAN, Faizur, 179-F 613 Islamabad, Pakistan.

RAHMAN, MD Lutfor, Dept of Agr Econ, TX A&M Univ, College Station TX 77843.
Assoc Prof, Bangladesh Agr Univ (03) 23.
b. 1940 Bangladesh; Citz: Bangladesh; M-4.
IA 1957 Carmichael College; BA 1959 Rajshahi College; MA 1962 Dacca Univ; MS 1966 TX A&M Univ.
Fields: 013, 141.
Prev Emp: Asst Prof, Bangladesh Agr Univ, Mymensingh 1966-1972; Lectr, Chittagong Govt College 1964; Lectr, B.L. College, Daulatpur 1963-64.
Lang: Bengali; Other: Eng 1-1-1; Urdu 2-2-1.
Mbr: SAEA; Bangladesh Econ Assoc; Bangladesh Assoc Pres 1975.

RAHN, Allan P., Dept of Poultry Science, Univ of Georgia, Athens GA 30602.

RAID, Howard D., Bluffton College, Bluffton OH 45817; PH 419-358-8015.
Professor, Bluffton College (03) 08, 10.
b. 1912 Iowa; M-1.
AB 1935 Parson College; MS 1947 IA St Univ; PhD 1953 OH St Univ.
Fields: 017, 031, 096, 141.
Prev Emp: Pres. Freeman Jr College, Freeman SD 1967-69; Partner, Raid Bros Const Co, Burlington IA 1944-74.
Pub: Men, Materials & Mennonites in Mutual Aid, Herald Press 1967; Care One For Another, Faith & Life Press 1972.
Mbr: AEA; Econometric; Rural Soc.
Hon: Ldrs in Educ; Am Men & Women of Science; Gamma Sigma Delta.

RAIKES, Ronald E., Dept of Economics, IA St Univ, Ames IA 50011; PH 515-294-7580.
Asst Prof, IA St Univ (03) 07, 08, 21.
b. 1943 Nebraska; M-2.
BS 1965 IA St Univ; PhD 1970 Univ of CA, Davis.
Fields: 014, 016.
Pub: Weight Loss of Steers, AJAE 1975; Impacts of Promotions, SJAE 1975; Optimal Harvesting Strategies, SJAE 1974.
Mbr: AEA.

RALEIGH, Stephen M. Jr., 500 12th Street SW, Washington DC 20250; PH 202-447-8618.
Econ, FUOS-CED-ERS-USDA (16) 07.
b. 1935 Maine; M-2.
BS 1958 PA St Univ; MS 1964 Univ of DE; 1964-65 VPI & St Univ.
Fields: 014, 015.

RAMASAMY, C., 316-A Classroom Office Bldg, Dept of Agr & Applied Econ, Univ of Minnesota, St Paul MN 55108.

RANDALL, Alan J., Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506; PH 606-257-3616.
Assoc Professor, Univ of KY (03) 07, 08.
b. 1944 Australia; Citz: Australia; M-2.
BS 1965, MS 1969 Univ of Sydney; PhD 1971 OR St Univ.
Fields: 020, 064, 067, 088.
Prev Emp: Asst Prof, NM St Univ, Las Cruces 1970-74; Grad Res Asst, OR St Univ, Corvallis 1968-70; Res Econ, NSW Dept of Agr, Sydney, Australia 1965-67.
Pub: Market Solutions to Externality Problems, AJAE 1972; Information, Power and Academic Responsibility, AJAE 1974; Property Rights and Social Microeconomics, Natural Resources Jour 1975.
Mbr: AEA; IAAE.
Hon: AAEA Jour Article Award 1973.

RANDALL, C. Kyle, 1909 Paul Spring Road, Alexandria VA 22307.
Retired - USDA (76).
b. 1911 USA; M-3.
AB 1939 NE Wesleyan; 1939-41 Am Univ; 1942-47 USDA Grad.
Fields: 018, 017, 016, 086.
Prev Emp: Outlook & Situation Off, ERS-USDA, Washington DC 1970-75; Chf, Farm Income Branch, ERS-USDA, Washington DC 1959-70; Head, Stat Serv Sec., BAE-USDA Washington DC 1949-59.
Hon: USDA Superior Serv Award 1952.

RANDALL, Stanley, 517 Gold Avenue SW, Albuquerque NM 87110; PH 505-766-3292.
Agr Econ, Forest Service, USDA (23) 19, 15, 22.
b. 1934 Kansas; M-2.
AA 1954 Cameron Jr, Lawton OK; 1955 KS St Univ; BS 1961 Univ of AZ; MS 1963 Univ of NV - Reno.
Fields: 020, 035, 038, 014.
Prev Emp: Agr Econ, Bureau of Land Mgmt, Denver CO 1965; Agr Econ, Soil Cons Serv, Phoenix AZ 1963-65; Jr Agr Econ, Univ of NV, Reno 1962-63.
Pub: Market Organization & Costs Related to Nevada Slaughter Industry, Univ of NV Agr Exp Sta, November 1963; Evaluation of Economic Impact of Forest Serv Program in Northern New Mexico: Devl of Analytical Tools, ERS-USDA, Berkeley CA 1973.
Mbr: WAEA.

RAO, Musunury S., Intl Devl Res Center, P O Box 8500, Ottawa, Ontario, Canada K1G 3H9.

RAO, Vadlamudi Y., Dept of Economics, Univ of Queensland, St Lucia, Brisbane, Queensland 4067 Australia; PH 07-370-6516.
Reader, Univ of Queensland (03) 08, 07, 02.
b. 1930 India; Citz: India; M-3.

BA 1952 Andhra Univ; MA 1954 Nagpur Univ; Dipl of Agr Stat 1957 ICAR, New Delhi; Doctor of Philos, 1965 IA St Univ.
Fields: 081, 011, 016, 082.
Prev Emp: Vstg Sr Lctr, Univ of Nairobi, Kenya 1972-73; Sr Lctr, Univ of New England, Armidale, 1967-69; Lecturer, Univ of New England 1965-66.
Pub: Economic Analysis of Fertilizer Trials Conducted in Kenya on Maize, East Africa Agr & Forestry Jour 1974.
Lang: Telugu; Other: Hindi 3-3-2.
Mbr: ASA; Econometric; IAAE.
Hon: Gamma Sigma Delta; Phi Kappa Phi; Sr Res Fellow of Indian Council of Agr Res.

RASK, Norman, 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-2641.
Professor, OH St Univ (03) 09, 07, 08.
b. 1933 New York; M-4.
BS 1955, MS 1960 Cornell Univ; PhD 1964 Univ of WI.
Fields: 012, 017, 073.
Prev Emp: Asst Prof, Univ of WI, Madison 1964-65; Ext Assoc, Cornell Univ 1959-60.
Pub: Economies of Share Leases in Less Developed Countries, AJAE 1968; The Impact of Selective Credit and Price Policies on the Use of New Inputs, Development Digest 1971; Credito Agricola e Subsidios a Producao Como Instrumentos Para o Desenvolvimento da Agricultura Brasileira, Revista Brasileira de Economia 1974.
Lang: Por 1-2-1.
Mbr: IAAE.

RASMUSSEN, Wayne D., ERS-USDA, Washington DC 20250; PH 202-447-8183.
Ldr. Agr Hist, ERS-USDA (16) 07, 19, 06.
b. 1915 Montana; M-3.
BA 1937 Univ of MT; MA 1939, PhD 1950 George Washington Univ.
Fields: 157, 068, 017.
Pub: Agriculture in the US: A Documentary History, 4 Volumes, Random House, New York 1975; Century of Service, Washington DC GPO 1963; The Department of Agriculture, Praeger, New York 1972.
Mbr: EHA; OAH; AHS, Ex Sec 1954, Pres 1964-65.
Hon: Who's Who in Am; Dir of Am Scholars; USDA Superior Serv Award 1964; USDA Distinguished Serv Award 1973.

RATHJEN, Robert A., ERS Rm 435 Fed Bldg, 100 Centennial Mall N, Lincoln NE 68508; PH 402-471-5371.
Agr Econ, ERS-USDA (16) 07.
b. 1935 USA; M-3.
BS 1960, MS 1963 Univ of NE; PhD 1970 Univ of MN, 1960-61 MT St Univ.
Fields: 020, 031, 014.
Prev Emp: Asst Prof, OK St Univ, Stillwater OK 1970-74; Res Asst, Univ of MN, St Paul 1966-70; Econ Devl Plng & Res Assoc, Inc, KS 1963-66.
Pub: Structural Implications of the Price-to-Minimum Cost Gap in Anhydrous Ammonia Prod-Dist, JFE 1963; An Economic Anal of Fertilizer Retailing in Minnesota, PhD Thesis 1970.
Lang: Sp 3-3-3.
Mbr: AEA; SID.

RATHWELL, Paul J., PO Box 2000, Weslaco TX 78596; PH 512-968-2132.
Asst Prof, TX A&I Univ, Citrus Center (03) 07, 08, 09.
b. 1946 Canada; Citz: USA; M.
BS 1969 AZ St Univ; MS 1972, PhD 1975 OK St Univ.
Fields: 011, 014, 016, 081.
Prev Emp: Agr Econ, ERS-USDA, Washington 1974-75.
Pub: Econ & Environmental Impact of N Fert Use, PhD Thesis OK St Univ 1975; Econ Implications of Interlevel Goal, Conflic and Operation Inconsistencies in the Beef Market System: The Prod-Feeder Subsector, MS Thesis, OK St Univ 1972.
Lang: Sp 3-3-2.
Mbr: SAEA; Rio Grande Valley Hort. Soc, Board of Dir.

RAUCHENSTEIN, Emil, 435 Starin Road, Whitewater WI 53190.
Retired from USDA 1959, Self-Employed, (75
b. 1889 Wisconsin; M-2.
BS 1911 WI Univ; MS 1923 IL Univ; PhD 1926 MN Univ.
Fields: 012, 015.
Prev Emp: Asst Prof & Asst Chf, AES Univ of IL 1918-24; Res Econ, Univ of CA 1925 28; Sen Agr Econ, USDA, Washington DC & Milwaukee & Madison WI 1942-59.
Pub: Factors Affecting the Price of Apples and Watermelons in California, Univ of CA Hilgardia 1928; Types of Farming in Pennsylvania, PA St Univ AES Bull. #305, 1936; Selling Farms on a Product-Payment Basis, U.W., AES Bull. #534, 195
Lang: Ger 2-3-2, Fr 3-0-0.
Mbr: AAAS; IAAE.
Hon: Am Men & Women of Sci 1925-50; RUS 1925-30.

RAUNIKAR, Robert, Dept of Agr Econ, GA Experiment Station, Experiment GA 30212; PH 404-228-7233.
Assoc Professor, Univ of GA (03) 07.
b. 1931 Oklahoma; M-3.
BS 1956, MS 1958 OK St Univ; PhD 1963 NC St Univ.
Fields: 051, 016, 014.
Pub: Spatial & Temporal Aspects of Demand for Food in the US, Georgia Agr Exp St Bull, 1973; Price Elasticities From Panel Data, AJAE 1971.

Mbr: SAEA.
Hon: Personalities of the South; Community Leaders & Noteworthy Am; American Men & Women of Science; Who's Who in the South & Southwest; PGM.

RAUP, Philip M., Dept of Applied Econ, Univ of Minnesota, St Paul MN 55108; PH 612-373-0951.
Professor, Univ of MN (03) 08, 07, 09.
b. 1914 Kansas; M-3.
AB 1939 Univ of KS; MS 1942, PhD 1949 Univ of WI.
Fields: 022, 038, 071, 073.
Prev Emp: Asst Prof, Univ of WI, Madison, 1949-53; Chf Land Spec, Office of Military Govt, Berlin, Germany 1945-49.
Pub: Land Tenure, Univ of WI Press 1956; Changing Structure of Europe, Univ of MN Press 1970.
Lang: Ger 1-1-1, Fr 2-2-3.
Mbr: AEA; RES-UK; AHS.
Hon: Am Men & Women of Science.

RAUSSER, Gordon C., Grad School of Bus. Adm, Harvard Univ, Boston MA 02143; PH 617-495-6475.
Prof (Vstg) Harvard Univ (03) 08, 07, 18.
b. 1943 California; M-3.
BS 1965 CA St Univ; MS 1968, PhD 1971 Univ of CA.
Fields: 081, 026, 016, 084.
Prev Emp: Prof, IA St Univ, Ames 1974-75; Vstg Assoc Prof, Univ of Chicago 1972-74; Assoc Prof, Univ of CA, Davis 1969-74.
Pub: Approximate Adaptive Control Solutions to U.S. Beef Trade Policy, Annals of Econ & Social Measurement, 1974; Technological Change Production and Investment in Natural Resource Industries, Am Econ Review, 1974; Dynamics of Marketing Boards: Estimation, Prediction and Control, Am Elsevier Pub Co 1976.
Lang: Sp 1-2-2, Fr 2-3-3.
Mbr: AEA; Econometric; ASA, Assoc Editor JASA; Assoc Book Rev Ed.
Hon: Who's Who in Am; Dir of Am Scholars; Leaders in Education; Am Men & Women of Science; Dir of Outstanding PhD Thesis, 1973 & 1975 AAEA.

RAWDDARA, Pairos, Office of Commodity Standard, Dept of Foreign Trade, Mins of Comm, Bangkok, Thailand.

RAY, Daryll E., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Assoc Prof, OK St Univ (03) 07, 08.
b. 1943 Iowa; M-3.
BS 1965, PhD 1971 IA St Univ.
Fields: 017, 081, 011.
Prev Emp: Res Assoc, IA St Univ 1969-71.
Pub: Govt Programs and Comm. Interaction, AJAE 1972; Sim. Anal of a Res Stk Mgmt Policy, SJAE 1975; Anl of Alt Target Price & Loan Rate Comb, SJAE 1975.
Mbr: SJAE.

RAY, Robert M., Dept of Agr Econ, PO Box 1071, Knoxville TN 37901; PH 655-974-7231.
Asst Professor, Univ of TN (03) 07, 20.
b. 1926 North Carolina; D-1.
AA 1947 Mars Hill College; BS 1951, MS 1962 NC St Univ; 1972-76 Univ of TN.
Fields: 012, 011, 082.
Prev Emp: Res Inst, NC St Univ, Raleigh, 1955-62; Asst Co Agt, NC St Univ, Raleigh 1951-55.
Pub: Farm Planning Manual, Univ of TN 1964, 1966, 1969, 1973 & 1975; Tennessee Rapid Adjustment Program, Univ of TN 1968.
Mbr: SAEA.
Hon: Gamma Sigma Delta; TN-SFM&RA.

RAYNER, Anthony J., Economics Dept, University Park, Nottingham, England.
Reader, Univ of Nottingham (03) 08, 07, 02.
b. 1943 England; Citz: UK; M-2.
BA 1965 Cambridge; MAE 1967 Manchester; MA 1968 Cambridge; PhD 1974 Manchester.
Fields: 016, 017, 014, 105.
Prev Emp: Lctr, Univ of Manchester, 1968-73.
Pub: The Resource Structure of Agriculture, Pergamon Press 1970; The Demand for Food, Manchester Univ Press 1972; Price, Quality & Market Share, Jour of Political Economy 1970.
Mbr: AES, Chrm Res Sub-committee 1973-75.

REBELLO, Noels, 386 281 23 80241, Dept of Agr Econ, Univ of Agr Sci, Bangalore 24, Mysore, India.

RECTOR, Gerald R., 4321 Duke Street, Apartment D-4, Alexandria VA 22304.

REDELMEIER, W. Robert, Suite 1104, Canada Trust Bldg, 110 Yonge Street, Toronto, Ontario, Canada; PH 416-862-1421.
Economist, Self-Employed.
b. 1928 Holland; Citz: Canada; M-3.
BS 1949 McGill Univ; MS 1950 MI St Univ.
Fields: 015, 014, 051.
Prev Emp: Sr Dairy Econ, Dept of Agr, Ontario 1966-71.
Pub: Impact of Edible Oil Products, Toronto 1969; Fluid Milk Distribution on Dairy Industry, ODAF, 1968; Alternative Methods of Whey Disposal, ODAF 1971.
Lang: Dutch 2-3-2, Fr 2-3-2.
Mbr: CAES; TPI.

REDFERN, J. Martin, Dept of Agr Econ & Rural Soc, Univ of Arkansas, Fayetteville AR 72701; PH 501-575-2256.
Assoc Professor, Univ of AR (03) 07, 08.
b. 1940 England; Citz: Gr Britain; M-3.
BS 1961 McGill Univ; MS 1965 IA St Univ; PhD 1970 OK St Univ.
Fields: 030, 040, 081.
Prev Emp: Asst Prof, Univ of AR 1968-73; Res Asst, OK St Univ 1964-68; Res Asst, IA St Univ 1962-64.
Pub: Rural Development and Labor Adjustment in Arkansas, AR Agr Exp Sta 1975; Financial Feasibility of Regionalising Public Water Supply, AR Agr Exp Sta 1974; Economic Analysis of Heating Energy Use in Broiler Production, AR Agr Exp Sta 1976.
Lang: Fr 2-3-3.
Mbr: SAEA, Ed Council 1973.
Hon: GSD Univ of AR Teaching Award of Merit 1975; GSD, Associate Mbr; Farmhouse Fraternity.

REDMAN, Barbara J., Dept of Textiles & Consumer Econ, Univ of Maryland, College Park MD 20742; PH 301-454-2141.
Asst Professor, Univ of Maryland (03) 07, 08.
b. 1954 Kentucky; U.
BA 1972 Univ of KY; PhD 1976 IA St Univ.
Fields: 050, 040, 101, 158, 081.
Prev Emp: Teaching Asst, IA St Univ 1975-76; Res Asst, IA St Univ 1972-73.
Pub: On Economic Theory & Explanation, Jour of Behavioral Econ 1976; Member Participation in 1974 Election, AJAE 1976.
Lang: Fr 1-2-2, Sp 2-2-3.
Hon: Phi Beta Kappa; Phi Kappa Phi; Natl Science Foundation Fellow 1973-76.

REDMAN, John C., Dept of Agr Economics, Univ of Kentucky, Lexington KY 40506; PH 606-258-5688.
Professor, Agr Econ, Univ of KY (03) 07, 08, 10.
b. 1921 Kentucky; M-1.
BS 1943 Berea College; MS 1946, PhD 1951 Univ of KY; Post Doctoral 1956-57 Univ of Chicago.
Fields: 011, 062, 050, 023.
Prev Emp: Assoc Prof, MS St Univ 1947-49; Prof, Western Ky Univ, Bowling Green, 1946-47.
Pub: Needed Research in Economics of Forestry, Indian Jour of Agr Econ 1967; Economic Analysis of Feeding Dairy Cows, Univ of KY 1965; Replacement of Dairy Cows, Univ of KY 1969.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: AEA, FMA.
Hon: Dir of Am Scholars; Leaders in Educ; Am Men & Women of Science; Fulbright Scholar to Poland, 1965; Social Sci Res Council Postdoctoral Fellowship 1956-57; Sec-Treas of AAEA 1970 to date.

REED, Addison D., Dept of Agr, Univ of CA, Davis CA 95616; PH 916-752-1531.
Econ, Univ of CA, Davis (03) 09, 08, 07.
b. 1916 Kansas; M-1.
BS 1938, MS 1940 KS St Univ; PhD 1951 Univ of CA.
Fields: 012, 011, 022, 046.
Prev Emp: Instr, TX A&M Univ 1940-41.
Mbr: WAEA; ASFM&RA; CSFM&RA; AAAS.

REEKIE, Charles I.M., Newcastle Polytechnic, Newcastle-Upon-Tyne, England; PH 0632-26002.
Sr Lectr in Econ, Newcastle Polytechnic (03) 08, 02, 07.
b. 1935 UK; Citz: UK; M-3.
BS 1961 McGill Univ; MS 1963 Nottingham Univ; PhD 1967 NC St Univ.
Fields: 062, 060, 141.
Prev Emp: Business Econ, Unilever Ltd, London 1967-71.
Mbr: AEA.

REGLI, Philip J., Econ Br, Ontario Minist of Agr & Food, 1200 Bay Street, Toronto Ontario, Canada M7A 1B6; PH 416-965-1064.
Econ, Ontario Ministry of Agr (40) 07.
b. 1947 Illinois; U.
BS 1969 Univ of IL; MS 1972 So. IL Univ.
Fields: 014, 074, 011.
Prev Emp: Grain Merchant, Central Soya, Bellevue OH, 1 year.
Mbr: CAES.

REHNBERG, Rex D., Dept of Economics, CO St Univ, Fort Collins CO 80523; PH 303-491-6866.
Professor, Economics, CO St Univ (03) 08, 07, 02.
b. 1920 Nebraska; M-4.
BS 1943 Univ of NE; MS 1947 Cornell Univ; PhD 1950 Purdue Univ.
Fields: 017, 073, 031, 047.
Prev Emp: Cons, Booz, Allen Hamilton, Chile, 1975-76; Cons., Robert R. Nathan Assoc, South Korea 1974; Agr Econ, Univ of NE 1970-72. Lang: Sp 1-2-2, Por 2-2
Pub: Milk Production in Colombia, 1973.
Hon: Am Men & Women of Science; Who's Who in Am Politics; Who's Who in Colorado; Sigma Xi; Alpha Zeta. Mbr: WAEA.

REICHERT, Alan K., Dept of Econ, Allyn Ha Wright St Univ, Dayton OH 45431; PH 513-873-3070.
Asst Professor, Wright St Univ (03) 08, (
b. 1946 Ohio; M.
BS 1968 Miami Univ; MS 1973, PhD 1975 OH St Univ.
Fields: 060, 130, 134.
Pub: The Effect of Bank Holding Company Growth on Ohio's Rural Capital Markets Diss. 1975; The Effects of Multi Bank Holding Company Acquisitions on Rural Community Banks, Fed Res Bk of Chicago Dec 1975.
Mbr: AEA; MEA.

REIDINGER, Richard B., USDA-ERS-FDCD, Rm 318, 500 12th Street SW, Washington DC 20250; PH 202-447-6512.
Agr Econ, USDA (16) 07.
b. 1943 Tennessee; M-2.
BA 1965 College of Wooster; PhD 1971 Duke Univ.
Fields: 011, 021, 073, 118.
Prev Emp: Cons, Irrigation Econ, World Bank, Washington DC 1972; Postdoctoral Res Econ, Univ of CA, Davis 1971.
Pub: World Fertilizer Situation 1975, 1976 & 1980, USDA-ERS 1974; Institutional Rationing of Canal Water in N. India, Econ Devl & Cultural Change 1974; Canal Irrigation & Institutions in N. India, PhD Thesis, Duke Univ 1971.
Lang: Hindi 3-3-1, Urdu 0-0-1, Fr 2-3-1.
Mbr: AEA; IAAE; U.S. Comm on Irrigation Drainage & Flood Control.
Hon: Fulbright Research Scholar to India, NDEA Title VI Fellow.

REIERSON, Robert J., Monfort of CO, PO Box "G", Greeley CO 80631; PH 303-353-8200.
Corporate Econ, Monfort of CO (51) 15.
b. 1924 Wisconsin; M-5.
BS 1948, MS 1950, PhD 1959 Univ of WI.
Fields: 016, 018, 015.
Prev Emp: Proj Ldr, Western Livestock Mktg Info, Denver CO 1961-75; Extension Econ, Univ of WI, Madison 1954-61.
Pub: Western Livestock Round-Up, Denver CO, 1961-75 (Monthly)
Lang: Rus 3-0-0.
Mbr: WAEA; AHS.
Hon: Am Men & Women of Science.

REILING, Eldon A., Dept of Econ, Northern Illinois Univ, Dekalb IL 60115; PH 815-753-1031.
Asst Professor, Northern IL Univ (03) 08, 07.
b. 1935 Illinois; M-4.
BS 1959 Western IL Univ; MS 1962, PhD 1966 MI St Univ.
Fields: 081, 062.
Prev Emp: Agr Econ, USDA, E. Lansing MI 1963-65.
Mbr: AEA; ES; ASA.

REILING, Stephen D., Dept of Agr Econ, LA St Univ, Baton Rouge LA 70803; PH 504-388-3283.
Asst Prof, LA St Univ (03) 07, 08.
b. 1945 Oregon; M-1.
BS 1968 So. OR College; MS 1971 OR St Univ; PhD 1976 OR St Univ.
Fields: 031, 021, 025, 026.
Mbr: WAEA; SAEA.

REILLY, Edward F., 25th & Mead Streets, Racine WI 53403; PH 414-636-7235.
Mgr., Business Planning, J.I. Case Co (51) 10, 15, 18.
b. 1931 New York; M-5.
BS 1953 Fordham Univ; MBA 1976 Univ of WI; 1955-56 Stevens Inst of Tech.
Fields: 014, 075, 081, 093.
Prev Emp: Plant Mgr, MGD Graphic Systems, Rockford IL 1969-71; Div Mgr of Ind Eng, Joy Mfg Co 1966-69; Sr Cons, Booz-Allen & Hamilton NY 1964-66.
Mbr: ORSA/TIMS; AIIE; SME. Lang: Fr 3-3-3.

REIMER, Don R., Macmillan Blodel Ltd., Forestry Div, 65 Front Str, Namaimo BC V9R5HG Canada.

REINSCHMIEDT, Lynn L., Dept of Agr Econ, Texas A&M Univ, College Station TX 77843; PH 713-845-6822.
Grad Student, TX A&M Univ (03) 07.
b. 1949 Oklahoma; M.
BS 1971, MS 1973 OK St Univ; PhD 1976 TX A&M Univ.
Fields: 011, 030, 020.
Prev Emp: Grad Student, TX A&M Univ 1973-76; Grad Student OK St Univ 1971-73.
Mbr: AEA; SAEA.

REINSEL, Edward I., USDA-NEAD-ERS, 500 12th Street SW, Washington DC 20250; PH 202-447-6363.
Agr Econ, USDA (16) 07.
b. 1931 Pennsylvania; M-8.
BS 1953, MS 1958 PA St Univ; PhD 1963 MI St Univ.
Fields: 019, 018, 013, 017.
Prev Emp: Agr Stat, Bureau of Census 1963-64.
Pub: Transportation in Rural America, U.S. Senate 1975; People With Farm Earnings-Sources & Distribution of Income, ERS-USDA 1972; Farm & Off Farm Income Reported on Federal Tax Returns, ERS-USDA 1968.
Hon: Who's Who in Am; American Men & Women of Science.

REINSEL, Robert D., ERS-NEAD-USDA, Rm 120, 500 12th Street SW, Washington DC 20250; PH 202-447-4943.
Leader, Inputs & Finance, ERS-USDA (16) 06, 07, 18.
b. 1937 Pennsylvania; M-3.
BS 1959 PA St Univ; MS 1963 Univ of MD; 2 years MI St Univ.
Fields: 013, 014, 017, 018.
Pub: Capitalization of Farm Program Payments Into Land Values, ERS 1972.
Hon: Phi Kappa Phi.

REISS, Franklin J., Dept of Agr Econ, Univ of Illinois, Urbana IL 61801; PH 217-333-1822.
Professor, Univ of Illinois (03) 09, 08, 07.
b. 1915 Illinois; M-2.
BS 1940, MS 1942, PhD 1952 Univ of IL.
Fields: 022, 038, 012.

Pub: Farm Leases for Illinois, Univ of IL 1972; Landlord and Tenant Shares, Univ of IL 1975.
Lang: German 2-3-2.
Mbr: ASFM&RA.
Hon: Am Men & Women of Science; Bronze Tablet; Phi Kappa Phi.

REISS, Irwin H., P O Box 351, Sullivan IN 47882; PH 812-268-6337.
President, Meadowlark Farms Inc (51) 20.
b. 1917 Illinois; M-3.
BS 1941 Univ of IL; Graduate 1/2 year Univ of IL.
Fields: 012.
Lang: Ger 2-3-2.
Mbr: ASFM; IL-SFM; IN-SFM.
Hon: Who's Who in Indiana.

RENBORG, Ulf B., Dept of Agr & Stat, Agr Univ of Sweden, Uppsala, Sweden S-75007; PH 018-301-408.
Professor, Agr Univ of Sweden (03) 07, 08.
b. 1920 Sweden; Citz: Sweden; M.
MA 1949, Agr Lic 1956, Agr Dr 1962, Agr Univ of Sweden.
Fields: 012, 011, 075, 084.
Prev Emp: Chf of Section, Agr Econ Res Inst, Stockholm 1956-63; Research Ldr, Inst of Bldg Research, Lund Sweden, 1949-56.
Pub: Studies on the Planning Environment of the Agricultural Firm, Dissertation, Uppsala 1962; Growth of the Agricultural Firm, Sydney 1970.
Lang: Swedish; Other: Eng 1-2-2, Ger 1-2-2.
Mbr: EAAE; AEA; IAAE.

RENNE, Roland R., Dept of Agr Econ, MT St Univ, Bozeman MT 59715; PH 406-994-3701.
Director, Foreign Trade Study, MT St Univ (03) 07.
b. 1905 New Jersey; M-4.
BS 1927 Rutgers Univ; MS 1928, PhD 1930 Univ of WI; LLD 1953 Univ of Philippines; LHD 1969 MT St Univ.
Fields: 017, 022, 112, 073.
Prev Emp: Dir. Officer of Water Resources, US Dept of Interior, Washington DC 1964-69; Asst Sec of Agr for Intl Affairs, USDA, Washington DC 1963-64; President, MT St Univ, Bozeman MT 1943-64.
Pub: Land Economics, Harpers, NY City 1947-58; The Govt & Admin of Montana, Crowell, NY City 1959; The Tariff on Dairy Products, The Raleigh Foundation Freeport IL 1932.
Lang: Ger 3-0-3, Fr 3-0-0.
Mbr: AAAS; IAAE; WFEA.
Hon: Who's Who in Am; Leaders in Educ; Intl Who's Who; Am Men & Women of Science; Phi Beta Kappa; Outstanding Sr in Agr Award, Rutgers Univ June 1927; Doctor, Honoris Causa, Natl Univ, Asunction, Paraguay.

RESSEGUIE, Robert W., USDA, 14th & Independence NW, Washington DC 20250; PH: 202-447-5380.
Agr Econ, USDA (16) 22, 18, 15.
b. 1939 New York; M-2.
BA 1970 Cornell Univ; MA 1972 Univ of VT.
Fields: 076, 077, 118, 013.
Prev Emp: Agr Econ, Agr Devl Org, Vietnam, Laos, 1972-75; Devl Officer, USAID, Vietnam 1965-68; Teacher, Peace Corps, Thailand 1962-64.
Pub: Small Business Decision-Making, Univ of VT 1972.
Lang: Viet 2-2-1, Thai 2-2-1; Laos 2-2-1, Fr 2-3-2.

RESTREPO, Juan E., Apartado Aereo 1778, Medellin, Colombia; PH 42-2094.
Business Mgr, FADEGAN (51) 10, 11, 08.
b. 1944 Colombia; Citz: Colombia; M-2.
Agronomo 1967 Esc Agr Panamericana; MS 1970 Univ of WI.
Fields: 093, 073, 085.
Prev Emp: Mgr, Indelda, Banana Exports, Colombia 1973; Head Prof, Escuela Agr Panam, Honduras 1970.
Lang: Spanish; Other: Eng 1-1-1, Fr 2-3-3.
Mbr: AEA; SID.

RETTIG, Raymond B., Dept of Agr & Res Econ OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Assoc Professor, OR St Univ (03) 07, 08.
b. 1940 Texas; M-2.
BA 1962 Univ of MT; MA 1964 Northwestern Univ; PhD 1969 Univ of WA.
Fields: 024, 025, 026, 021.
Prev Emp: Teaching Assoc, Univ of WA, Seattle 1964-68.
Pub: Some Economic Aspects of Conflicts Over Land Use in the Coastal Zone ClMgt Jour 1974; Multiple Objectives for Marin Resource Management, NOAA Tech Rpt 1973; Economic Impact of Outdoor Recreation, Water & Community Development 1974.
Lang: Ger 1-1-1.
Mbr: AEA.
Hon: Am Men & Women of Science; Who's Who in the West.

REUTLINGER, Shlomo, World Bank, 1818 H St. NW, Washington DC 20433; PH 202-477-3916
Sr Economist, World Bank (66) 07, 03.
b. 1925 Germany; Citz: USA; M-3.
BS 1958 Cornell Univ; MS 1961, PhD 1963 NC St Univ.
Fields: 073, 017, 074.
Prev Emp: Proj. Mgr., FAO/UND, Israel 1965 Agr Econ, USDA, Washington DC 1963-65.
Pub: Techniques for Proj App Under Uncertainty, World Bank Occ Paper #10 1970; Undernutrition and Poverty, World Bank Occ Paper 1976; Simulation of World-Wide Buffer Stocks for Wheat, AJAE 1976.
Lang: Ger 1-1-1, Hebrew 1-1-1.
Hon: Phi Kappa Phi; Gamma Sigma Delta.

REVZAN, M. A., Dept of Agr Econ, Univ of California, Berkeley CA 94720; PH 415-642-0607.

REYNOLDS, John E., G099 McCarty Hall, IFAS, Dept of Food & Res Econ, Univ of Florida, Gainesville FL 32611; PH 904-392-0518.
Assoc Professor, Univ of FL (03) 07, 08, 02.
b. 1940 Missouri; M-2.
BS 1961 Univ of MO; MS 1963, PhD 1966, IA St Univ.
Fields: 020, 021, 038, 026.
Prev Emp: Asst Dean, Univ of FL 1971-75; Asst Prof, Univ of FL 1966-71; Agr Econ, NRED-ERS-USDA, Ames IA 1965-66.
Pub: Readings in Natural Res Econ, MSS Info Corp, NY 1974; Optimum Water Alloc Models, FL Water Res Ctr 1973; Factors Affecting Farmland Values in the US, IA Agr Exp Sta 1969.
Mbr: SAEA; IAAE.
Hon: Gamma Sigma Delta.

REYNOLDS, Thomas, 578-C East Hall, Dept of Economics, Iowa St Univ, Ames IA 50011.

RHEE, Jae Han, PO Box 2-136, SRI, Ayudhya Road, Bangkok, Thailand.
Agr Econ, UN-Asian Devl Inst (65) 18, 08, 07.
b. 1932 Korea; Citz: Korea; M-1.
BS 1958 Seoul Natl Univ, Korea; MS 1964 Univ of ME; PhD 1971 PA St Univ.
Fields: 073, 017, 012.
Prev Emp: Agr Econ, FAO-UN, Thailand 1972; W. Samoa 1973-74.
Pub: Effect of Inflation on Agr Development in Korea, PA St Univ 1971.
Lang: Korean; Other: Eng 1-1-1, Jap 1-1-1.
Hon: Omicron Delta Epsilon.

RHINE, Timothy L., Ankony Angus Corp, Box 1688, Grand Junction CO 81501; PH 303-245-2300.
Mgr. Ankony Angus Corp (51) 05, 20.
b. 1946 Illinois; U.
BS 1969, MS 1971 So. IL Univ.
Fields: 012, 151, 011, 014.
Prev Emp: Logistics Off, U.S. Marine Corps, 1971-74.
Lang: Sp 3-0-3.
Mbr: ASAS; ASAC.

RHOADE, Ronald R., Room 301 - 2020 Milvia Street, Berkeley CA 94704; PH 415-486-3224.
Econ, USDA-ERS (16) 15, 18, 19.
b. 1928 Indiana; U.
BS 1950, MS 1959 Purdue Univ; PhD 1965 MI St Univ.
Fields: 026, 021.
Lang: Ger 3-3-2.
Hon: BS w/Distinction.

RHODES, V. James, 212 Mumford Hall, Dept of Agr Econ, Univ of Missouri, Columbia MO 65201; PH 314-882-6636.
Professor, Agr Econ, Univ of MO (03) 07, 08.
b. 1929 Missouri; M-3.
AB 1950 Univ of MO; MA 1953, PhD 1955 Harvard Univ.
Fields: 014, 017, 101, 102.
Hon: Who's Who in Am; American Men & Women of Sci; Phi Beta Kappa; AAEA Diss. Award 1956; Gamma Sigma Delta Jr Faculty Award Univ of MO.

RIBON, Miguel, Dept of Agr Econ, Agr Hall, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Grad Student, OK St Univ (03) 23.
b. 1938 Brazil; Citz: Brazil; M-3.
Agron 1962, MS 1966 Univ Fed, Vicosa.
Fields: 012.
Prev Emp: Asst-Assoc Prof, Univ Fed Vicosa, Brazil 1967.
Lang: Portuguese; Other: Eng 1-2-2, Sp 1-3-2.
Mbr. Soc Bras Econ Rurais.

RICARDO, Jose M., Intl Statistical Prog Center, Suitland, Prince Georges MD 22030; PH 202-632-8706.
Econ, Bureau of the Census (11) 22, 18.
b. 1925 Cuba; Citz: USA; M.
BS 1948 Univ of Habana; MS 1965, PhD 1976 Univ of MD.
Fields: 073, 015, 084.
Prev Emp: Econ, Bureau of Census, Wash. DC 1975; Commodity Anal, FAS-USDA, Washington DC 1968; Asst to the Agr Attache, Am Embassy, Habana Cuba 1959.
Pub: LP Analysis of Processing Activities in Colombia, AID/DR/LA Washington DC 1974 & Revised 1975; Imt Comparison of Agr Proc Industries, AID/DR/LA Washington DC 1973; Evaluation of Tech Asst Impacts on Small Farmer-Guatemala, AID/DR LA Washington DC.
Lang: Spanish; Other: Por 2-3-3, Ita 2-3-3.
Mbr: MD AEA; Sp Club-USDA; Cuban Prof Assoc, Wash. DC.
Hon: USDA Spec Serv Award 1968; USDA Cert of Merit for Sustained Above Average Performance 1967.

RICE, Sherman T., 277 Park Avenue, New York NY 10017; PH 212-826-5435.
V. President, Commodity Res, Continental Grain Co Inc (51) 05, 07.
b. 1921 Illinois; M.
BS 1943, MS 1948, PhD 1950 Univ of IL.
Fields: 016.
Prev Emp: Dir of Res, Longstreet-Abbott Co, St Louis 1952-59; Asst-Assoc Prof, Univ of DE, Newark 1949-51.
Hon: Phi Kappa Phi; Gamma Sigma Delta; Alpha Zeta.

RICH, Margo B., Box 40, Food Res Inst, Stanford Univ, Stanford CA 94306; PH 415-497-3941.
Grad Student, Stanford Univ (03) 23.
b. 1951 Washington DC; U.
1969-70 Boston Univ; BS 1973 Cornell Univ; AM 1975; 1975 to date Stanford Univ.
Fields: 011, 017, 112, 014.
Prev Emp: Res Asst, MI St Univ/AID, Seoul Korea 1972; Res Asst, ERS-USDA, Wash., DC 1971.
Lang: Fr 2-2-2.
Mbr: AEA.

RICHARDS, Douglas P., Policy & Prog Devl Dir, Env Mgmt Serv, Env Canada, Ottawa, Ontario, Canada; PH 819-997-1680.
Dir-Econ & Soc Studies Br, Canada Dept of the Env (78) 26, 23.
b. 1934 Canada; Citz: Canada; M.
BSF 1957 Univ of British Columbia; MF 1963, PhD 1971 OR St Univ.
Fields: 023, 020, 141, 026.
Prev Emp: Dir Econ & Res Inst, Canadian Forestry Serv, Ottawa, Ontario, 1973-74; Chf, Fed Prov Relations, Intergovt Affairs, Canada Dept of Env, Ottawa 1972-73.
Lang: Fr 2-2-2.
Mbr: AEA; SAF, Sec. Tr, Blue Ridge Chpt 1969-70.
Hon: AEA, Dir.

RICHARDS, Jack A., Natl Marine Fisheries Service, 1700 Westlake Avenue North, Seattle WA 98112; PH 206-442-4909.
Chief, Div of Econ & Data Collection, U.S. Dept of Commerce (11) 06, 07, 08.
b. 1932 Wyoming; M-3.
BS 1954 Univ of WY; MS 1963 MT St Univ; PhD 1968 OR St Univ; MS 1976 Univ of Puget Sound.
Fields: 020, 018, 013, 141.
Prev Emp: Assoc Prof, KS St Univ, Manhattan 1967-70.
Lang: Sp 3-0-0.

RICHARDS, Roslyn V., 328 H Foster Drive, Willimantic CT 06226.

RICHARDSON, James W., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Grad Res Asst, Dept of Agr Econ, OK St Univ, (03) 23, 07, 18.
b. 1949 New Mexico; M.
BS 1971 NM St Univ; MS 1973 OK St Univ.
Fields: 017, 081, 011, 026.
Prev Emp: Res Assoc, Dept of Agr Econ, OK St Univ 1973-75.
Pub: User's Manual Natl Agric Policy Simulator, OK St Univ 1975; A Simulation Analysis of a Reserve Management Policy, SJAE 1975; Analyzing Pest Control Strategies With an Environmental Impact Matrix, SJAE 1974.
Mbr: SAEA.
Hon: Alpha Zeta; Pi Gamma Mu; OK St Univ Grad Excellence Award 1971.

RICHTER, Joseph J., Univ of Alberta, Edmonton, Alberta, Canada; PH 432-5439.
Professor, Univ of Alberta (03) 08, 07, 09.
b. 1920 Yugoslavia; Citz: Canada; M-3.
Dr Rer Pol, 1947 Univ of Graz.
Fields: 112, 118, 014, 088.
Prev Emp: Econ, FAO-UN, Rome Italy 1967-69; Chf-Econ, Spartan Air Serv, Ottawa, Canada 1966; Asst-Assoc Prof, Univ of British Columbia, Vancouver 1957-65.
Lang: German; Other: Eng 1-1-1, Rus 2-2-2
Mbr: AEA; IAAE; CAES, Editor 1965-66.
Hon: Am Men & Women of Science.

RICKER, H. S., 12906 Paca Drive, Beltsville MD 20705.

RICKER, William D. Jr., 1415 E Sunrise Blvd, Fort Lauderdale FL 33304; PH 305-764-3000.
Attorney, Fleming, O'Bryan, Fleming (54) 27.
b. 1945 Wisconsin; M-2.
BS 1967 Univ of WI; MS 1971, JD 1975 Univ of FL.
Fields: 159.
Prev Emp: Planning Supr, Univ of FL, 1971-73.
Pub: Efficiency in Educational Expenditures as a Criterion for School District Consolidation in West and North Florida, Agr Econ Rpt 37, FL Agr Exp Sta 1972; Anal App to Consolidation of Four Counties Based on Ed Eff Criteria, SJAE 1972.
Lang: Sp 1-3-2.
Mbr: FL Bar Assn; SAEA.
Hon: AAEA 1972 Award for Prof Excellence (MS Thesis).

RICKS, Donald J., Dept of Agr Econ, MI St Univ, E Lansing MI; Ph 517-355-0145.
Prof & Ext Spec, MI St Univ (03) 09, 08, 07.
b. 1936 Michigan; M-2.
BS 1958, MS 1960 MI St Univ; PhD 1965 OR St Univ.
Fields: 014, 017, 016, 015.
Prev Emp: Instr, OR St Univ, Corvallis 1962-64.
Pub: Michigan & U.S. Sweet Cherry Industry Present & Future, MI St Univ 1974; Econ of Storage & Non-Harvest Programs for Tart Cherry Industry, MI St Univ 1970; Long Run Projections of Bartlett Pear Prices & Production, OR St Univ 1966.
Lang: Sp 3-3-3.
Mbr: ASHS; ESA.
Hon: Who's Who in Midwest; Phi Kappa Phi; Alpha Zeta; MI Ext Team Award.

RIDDLE, William E., Div of Battelle Mem Inst, 505 King Avenue, Columbus OH 43201; PH 614-424-6424.
Sr. Econ, Battelle-Columbus Labs (54) 07, 10, 11.
b. 1940 Pennsylvania; M-2.
BS 1963 PA St Univ; MS 1965 Univ of WI; PhD 1969 PA St Univ.
Fields: 014, 015, 093, 105.
Prev Emp: Econ, Borden Inc, Columbus OH 1969-70.
Mbr: ADSA.
Hon: Outstanding Young Men 1974.

RIECK, Robert E., 432 N Lake Street, 501 Ext Bldg, Madison WI 53706; PH 608-262-7965.
Dean, Univ of WI-Ext, Div of Econ & Env Devl (03) 01, 02.
b. 1929 Wisconsin; M-4.
BS 1950, MS 1956, PhD 1961 Univ of WI.
Fields: 012, 013, 017, 031.
Prev Emp: Assoc Dean, Univ of EI-Ext & College of Agr & Life Sci 1970-74; Chrmn Agr Prod & Mgmt Prog, Univ of WI Ext, 1968-70; Prof Univ of WI 1967-68.
Pub: An Empirical Measure of Decision Making in Evaluating Farm & Home Development, Univ of WI 1972; An Inventory & Analysis of Farm Management Ext Short Courses, Schools & Workshops for Farm People in the U.S. & Puerto Rico, Univ of WI 1964; Evaluating Agric Econ Ext Teaching, Univ of WI 1965.
Mbr: Epsilon Sigma Phi; WI-SFM&RA.
Hon: Community Ldrs & Noteworthy Am; 1st Dist Serv Award for Univ Ext, Univ of WI 1968.

RIEMENSCHNEIDER, Charles H., Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-353-7897.
Grad Asst, MI St Univ (03) 23, 07.
b. 1952 Maryland; U.
BS 1974 Rutgers Univ.
Fields: 017, 030, 060, 080.

RIGGAN, Wilson B., Population Studies Div, Health Effects Res Lab, Res Triangle Park NC 27711; PH 919-549-8411.
Stat-Health Sci, Env Res Center, EPA (31) 07.
b. 1914 Virginia; M-3.
BS 1950 VPI & St Univ; PhD 1966 NC St Univ.
Fields: 050, 080, 060, 016.
Prev Emp: Supr Stat, N Air Poll Control Center, Cincinnati OH 1964-68; Asst Prof-Agr Econ, Univ of FL, Gainesville 1958-64.
Pub: Demand for Oranges, NC St Univ Diss. 1965; CHESS-A Community Health & Env. Suvelillance System, 6th Berkeley Symp on Math Stat & Probability 1972; Mortality Models: A Policy Tool, A Conference on Env Modeling & Simulation-Proc 1976.
Mbr: ASA; Econometric.
Hon: Am Men & Women of Science.

RIGGS, David W., Embassy of the United States, 100 Wellington St, Ottawa Ontario, Canada K1P5T1; PH 613-238-5335.
Asst Agr Attache, FAS-USDA (18) 27.
b. 1931 Pennsylvania; M-1.
BS 1959 Univ of VT.
Fields: 159, 016, 017, 018.
Prev Emp: Econ, ERS, Washington DC 1959-67; Asst Agr Attache, Am Embassy, The Hague, 1967-69; Asst Agr Attache, US Mission to the E.C. Brussels, Belgium 1971-74.
Lang: Dutch 3-0-3, Fr 3-0-0.
Mbr: AFSA.

RIGGS, Fletcher E., Asia/TD/RD, AID, Washington DC 20523; PH 703-235-8870.
Chf, Rural Devl Div, AID (24) 03, 22, 18.
b. 1923 Missouri; M-4.
BS 1948, MS 1949 KS St Univ; PhD 1956 Vanderbilt Univ.
Fields: 118, 035, 073, 075.
Prev Emp: Asst Dir for Agr, AID, Bangkok, 1970-75; Econ, TVA, Knoxville 1956-64; Asst Prof, KS St Univ, Manhattan 1950-55.
Pub: Econ of Watershed Planning, IA St Univ Press 1961.
Mbr: SID; Korea & Thai Agr Econ Assoc.
Hon: Phi Kappa Phi; Soc Sci Res Council Fellow.

RILEY, Harold M., Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-355-4567.
Prof & Chrmn of Dept, MI St Univ (03) 02, 22.
b. 1922 Kansas; M-2.
BS 1947, MS 1948 KS St Univ; PhD 1954 MI St Univ.
Fields: 014, 073, 101.
Prev Emp: Asst Prof & Prof, MI St Univ, E Lansing, 1953 to date; Asst Prof, KS St Univ, Manhattan 1950-51.
Pub: Food Market in the Econ Devl of Puerto Rico, Latin Am Studies Center, MSU 1970; Mkt Coord in Devl of Cauca Valley of Colombia, Latin Am Studies Center, MSU 1970.
Lang: Sp 1-2-2.
Mbr: IAAE.

RILEY, John B., Dept of Economics, Waters Hall, KS St Univ, Manhattan KS 66506; PH 913-532-6705.
Asst Prof, KS St Univ (03) 08, 07.
b. 1947 Virginia; U.
BS 1969, MS 1971 VPI & St Univ; PhD 1974 OK St Univ.
Fields: 014, 093, 013.
Prev Emp: Grad Res Asst, OK St Univ 1970-73; Ext Aide, VA Coop Ext Serv, Lexington VA 1968.
Pub: Impact of Alternative Class I Pricing Systems on Fluid Milk Prices, AJAE 1975; Reg Gains & Losses for Consumers & Producers from Changes in Fl Milk Prices, SJAE 1974.

Mbr: WAEA, Councilman 1975-76; SAEA.
Hon: Outstanding Young Men of Am 1975; Outstanding Young Men of KS 1975; Phi Kappa Phi; Gamma Sigma Delta; 4-H All Star Key Award.

RINGLIEN, Wayne R., World Bank, 1818 H Street, Washington DC 20006; PH 202-393-6360.
Agr Econ, World Bank (66) 17, 20, 23.
b. 1939 Minnesota; M.
BA 1961 Marquette; MA 1964 Georgetown; PhD 1971 Univ of MD.
Fields: 013, 014, 012.
Prev Emp: Sr Econ, Org of Am States, Washington DC 1970-74.
Pub: Economic Effects of Chilean Expropriation on Farm Sector 1964-69, MD Univ 1971; Peruvian Agrarian Reform, Land Tenure Center Newsletter, Oct-Dec 1971.
Lang: Sp 1-1-1.
Mbr: AEA.

RISTER, Milton E., Agr Bldg, Rm 107-A Texas A&M Univ, College Station TX 77843; PH 713-845-8011.
Lecturer & Grad Student, TX A&M Univ (03) 08, 07.
b. 1952 Texas; M.
Fields: 012, 011.
Prev Emp: Grad Res Asst, TX A&M Univ, College Station 1975.
Mbr: SAEA; WAEA.
Hon: Alpha Zeta, TX Alpha Chancellor 1974; Graduated Magna Cum Laude, TX A&M 1974.

RITTER, Marion W., 704 Oaks Marinna Trail East, Jacksonville, Florida 32211.

RIZEK, Robert L., Fed Bldg, Hyattsville MD 20782; PH 301-436-8457.
Chrmn, CFEI-ARS-USDA (15) 06.
b. 1931 Kansas; M-4.
BS 1953, MS 1957 KS St Univ; PhD 1961 NC St Univ.
Fields: 017, 051, 018, 054.
Prev Emp: Asst Br Chf, ERS-USDA, Wash., DC 1964-70.
Hon: Who's Who in America.

RIZO, Cipriano I., PO Box 2252, Managua, Nicaragua.
Cons, Banco Central de Nicaragua (54) 23.
b. 1948 Nicaragua; Citz: Nicaragua; M.
Industrial Eng 1973 Univ Centro Americana; MS 1975 Univ of WI.
Fields: 073, 105, 095.
Pub: Feasibility Study for a Ceramic Plant in Nicaragua, Managua, 1973; Feasibility Study for Processing Pineapples in Nicaragua, Managua 1974.
Lang: Spanish; Other: Eng 1-1-1.
Mbr: Colegio de Ingenieros de Nicaragua.

RIZZI, Pierluigi, Facolta di Agraria, Univ. Cattolica, Piacenza, Italy 29100; PH 052 22271.
Asst Professor, Univ Cattolica (03) 07, 08.
b. 1942 Italy; Citz: Italy; M-2.
Laurea 1966 Univ Cattolica; Dipl Spec, 1968 Univ Napoli.
Fields: 016, 017, 015.
Lang: Italian; Other: Eng 1-2-3, Fr 1-2-2.
Mbr: SIDEA; IAAE; ISHS.

ROBBINS, Lynn W., Dept of Agr Econ, Agr Sci Bldg South, Univ of Kentucky, Lexington KY 40506; PH 606-257-1636.
Asst Professor, Univ of KY (03) 07, 08.
b. 1946; Michigan; M.
BS 1968 MI St Univ; MBA 1971 W MI Univ; MA 1974.
Fields: 015, 093, 084, 092.
Pub: Warehousing Agricultural Inputs, MI St Univ 1975; Group Action in the Celery Industry, MI St Univ 1973; Group Action in the Blueberry Industry, MI St Univ 1973.
Mbr: SSEA; Food Dist Res Assn.

ROBBINS, Paul R., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-494-4004.
Professor, Purdue Univ (03) 09, 02, 20.
b. 1918; M-3.
BS 1942; MS 1947 Univ of KY; PhD 1953 Purdue Univ.
Fields: 012, 018, 011, 013.
Prev Emp: Warrant Officer, Army Air Force 1942-46; Instr, Murray St Univ, Murray KY 1946-48; Prof, Purdue Univ, W. Lafayette IN 1949 to date.
Pub: Acquiring & Investing Capital in Modern Agriculture, Purdue Univ 1962; Keeping Good Hired Farm Labor, Purdue Univ 1966; Economics of Narrow Row Corn and Soybean Prod, Purdue Univ 1966.
Lang: Spanish 3-3-3.
Mbr: IN Ext Spec Assoc, VP 1962, Pres., 1963; IN-FMA, Sec 1976.
Hon: Who's Who in America; Am Men & Women of Science; Career Award IN Ext Spec Assoc.

ROBBINS, Richard D., Dept of Economics, NC A & T St Univ, Greensboro NC 27411; PH 919-379-7744.
Assoc Prof, NC A&T Univ (03) 08, 07.
b. 1943; M-3.
BS 1964 A&T St Univ; MS 1968 NC St Univ; PhD 1973 NC St Univ.
Fields: 041, 046, 081, 011.
Prev Emp: Asst Prof, Shaw Univ, Raleigh NC 1970-71; Res Instr, NC St Univ, 1966-71; Agr Ext Agt, A&T St Univ, Greensboro NC 1964-65.

Pub: Returns to Occupational Education, NC St Univ 1973; Returns to Nursing Training, A&T St Univ, Greensboro NC 1974; Survey of Research on Water Power, Southeastern Region Educ Board, Atlanta GA 1967.
Lang: Fr 2-0-0.
Mbr: NEA; AEA.
Hon: Gamma Sigma Delta.

ROBERTS, Katherine M., 345 Park Avenue, New York NY 10022; PH 212-755-2000.
Tippetts-Abbett-McCarthy-Stratton (51) 03.
b. 1947; U.
BA 1968 Oberlin College; MIA 1971 Columbia Univ; Intl Affairs.
Fields: 021, 017, 073.
Prev Emp: Acting Head, TAMS Agr Devl Group, NY City 1975; Res Asst, Hudson Inst, New York 1973-74.
Pub: Sanctions in Southern Africa; US Dilemma, Geneva-Africa; Cafter Cluster Zoning; Advantages and Disadvantages, Audio-Visual Program for Westchester County, Dept of Planning 1974.
Lang: Fr 1-1-1, Ger 3-3-3, Por 3-3-3.
Mbr: SID; Am Soc of Planning Officials.

ROBERTS, Kenneth J., Marine Res Center, PO Box 12559, Charleston SC 29412; PH 803-295-6350.
Asst Professor, Clemson Univ (03) 09, 07.
b. 1944; M-2.
BS 1966; MS 1968 LA St Univ; PhD 1973 OR St Univ.
Fields: 024, 025, 038.
Prev Emp: Asst Prof, Clemson Univ 1973 to date; Instr, OR St Univ, Corvallis 1971-72.
Pub: Adjustments in Plant Capacity Utilization to Compensate for Changes in Market Organization of the Louisiana Dairy Industry, LA St Univ 1969; Identifying Resource Barriers to Local Economy Growth, SJAE 1975; Linkages Between the Economy and Environment: An Analysis of Economic Growth in Clatsop County, Oregon, OR St Univ Agr Exp Sta 1975.
Mbr: SAEA.

ROBERTS, Norman K., Dept of Economics, Utah St Univ, PO Box 12-1691, Tehran Iran; PH 627-139.
Prof, Chf Pty, UT St Univ (03) 18, 07.
b. 1919; M-5.
BS 1948, MS 1949 IA St Univ; PhD 1958 Univ of KY.
Fields: 026, 073, 011, 031.
Prev Emp: Asst Prof, Univ of FL 1954-57; Asst Prof. Univ of HI 1951-53; Asst Prof Univ of NV, Reno 1949-50.
Pub: Decision Making Criteria for State Lands, JFE 1961; Economic Foundation for Grazing Fees, JFE 1963; Managing Private Lands, Public Lands, Land & Water Use, AAAS 1963.
Lang: Sp 1-2-2, Per 3-3-2.
Hon: Who's Who in Am; Am Men & Women of Science.

ROBERTS, Ronald C., U.S. Army Corps of Engineers Div, Missouri, PO Box 103, Downtown Station, Omaha NE 68101; PH 402-221-3122.
Supr Regional Econ, U.S. Army Corps of Engineers (26) 15, 18, 01.
b. 1944; M-2.
BS 1966, MS 1968 Univ of IL.
Fields: 021, 081, 011, 071.
Prev Emp: Supr Reg Econ, Corps of Eng Dist, St Louis 1968-72; Reg Econ, Board of Eng for Rivers & Harbors, Ft Belvoir VA 1972-76.
Mbr: US Committee on Irrigation & Drainage.

ROBERTS, William L., 800 Multifoods Bldg, 733 Marquette Ave, Minneapolis MN 55402; PH 612-371-8433.
Asst VP, Piper Jaffray & Hopwood Inc, (51) 15, 11, 07.
b. 1939; M-2.
BS 1961 Univ of MN.
Fields: 011, 151, 091.
Prev Emp: Self employed farmer, MN 1963-68.

ROBERTSON, Gerald C., School of Agr Econ & Ext Educ, Univ of Guelph, Guelph, Ontario, Canada N1G 2W1; PH 519-824-4120.
Scientist III, Univ of Guelph (03) 07, 20, 14.
b. 1949; M.
BS 1972 Univ of Waterloo; MS 1975 Univ of Guelph.
Fields: 012, 060, 082, 083.
Prev Emp: Scientist I, Univ of Guelph 1972-74; Programmer-Canfarm, Guelph 1971.
Pub: An Ontario Farm Management Game, Univ of Guelph 1975; Should You Invest in an RRSP? Univ of Guelph 1975; An Introduction to APL, Univ of Guelph 1976.
Mbr: CJAE.

ROBERTSON, Jerry L., 2001 Fyffe Court, Columbus OH 43210; PH 614-422-8200.
Asst Prof of Horticulture, OH St Univ (03) 08, 07, 09.
b. 1948; M-1.
BS 1970, MS 1972, PhD 1974, Purdue Univ.
Fields: 014.
Mbr: ASHS; SAF; OFA.

ROBERTSON, Thyrele, Sector Analisis, 4112 Advisors Bldg, USDA-ERS, 14th & Independence, Washington DC 20250; PH 202-447-5925.
Supr Agr Econ, USDA-ERS-FDD (16) 07, 22.

b. 1932; M-4.
BA 1961 Univ of UT; PhD 1968 IA St Univ.
Fields: 073, 077, 076.
Prev Emp: Sr Econ, Org of Am States, Washington DC 1972-74; Mktg Adv, IA St Mission to Peru, Lima, Peru 1971-72; Sr Econ, Org of Am States, Washington DC 1968-71.
Pub: Structure Performance & Conduct of Peruvian Fert Industry, LA St Univ 1968; The Peruvian Fert Situation Analysis of Alternatives, OAS, Washington DC 1970; Guatemala Farm Policy Analysis, Washington DC 1975.
Lang: Sp 1-1-1.
Mbr: WAEA.

ROBINSON, Bobby H., 291 Barre Hall, Clemson Univ, Clemson SC 29631; PH 803-656-3479.
Professor, Clemson Univ (03) 09, 07.
b. 1942 ; M-2.
BS 1964 Berea College, KY; MS 1967 NC St Univ; PhD 1968 Clemson Univ.
Fields: 017, 011, 018.
Prev Emp: Leader, Aggregate Prod Analysis Team FPED-ERS-USDA 1972; Asst Field Res Coord, FPED-ERS-USDA, Washington DC 1971; Agr Econ FPED-ERS-USDA, Washington DC 1965-70.
Pub: The Effects of Changing Technology on Farm Organization and Income Upper Coastal Plain, South Carolina, Clemson Univ 1969; The Competitive Position of Soybeans in Farming Systems, Conference Proceedings, TVA 1973.
Lang: Fr 3-0-0, Ger 3-0-0.
Hon: Outstanding Young Men of America.

ROBINSON, Howard F., Rm 224 Carver Hall, Dept of Agr Econ, NC A&T St Univ, Greensboro NC 27411; PH 919-379-7995.
Professor, NC A&T St Univ (03) 02, 07.
b. 1928; M-1.
BS 1948 NC A&T St Univ; MS 1949 Univ of IL; PhD 1957 OH St Univ.
Fields: 043, 013, 046, 017.
Prev Emp: Dir Res Adm, NC A&T St Univ, Greensboro NC 1967 to date; Chrmn, Dept of Agr Econ, NC A&T Univ 1957-67; Asst Prof, NC A&T St Univ 1951-53.
Pub: History and Evaluation of the Potato in Future Markets, OH St Univ 1957; Employment Adjustment in the Growth of Labor Markets, NC A&T St Univ 1970; Economic Adjustment of Poverty Stricken Rural People in North Carolina, NC A&T St Univ 1976.
Lang: Fr 2-0-0, Sp 2-0-0. Mbr: SEA,AEA,IAAE.
Hon: Board of Dir, Central Bank for Coops; Board of Dir, Hayes-Taylor YMCA & Div of Agr Legis Sub-Comm-NASULGC.

ROBINSON, Kenneth L., 40 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-2189.
Prof of Agr, Cornell Univ (03) 08, 09, 07.
b. 1921; M-2.
BS 1942 OR St College; MS 1947 Cornell Univ; PhD 1952 Harvard Univ.
Fields: 017, 016, 018.
Pub: Agricultural Product Prices, Cornell Univ Press 1972.
Lang: Fr 3-0-0.

ROBINSON, Raymond W., Univ Center for Coop Rm 624, Lowell Hall, 610 Langdon, Madison WI 53706; PH 608-262-3251.
Professor, Univ Ctr for Coops, Univ of WI (03) 09, 08, 07.
b. 1923; M-3.
BS 1949; MS 1947 OK St Univ; PhD 1957 Univ of WI.
Fields: 014, 018, 118, 073.
Prev Emp: Ext Econ Univ of ID, Boise, 1957-67; Ext Spec, KS St Univ, Manhatta 1954-57; Assoc Prof & Assoc Agr Econ, Auburn Univ, AL 1948-52.
Pub: Editor, Cooperative Laws are Differe Univ of WI, Madison 1975; Editor, Proceedings of the National Symposium on Cooperatives & the Law, Univ of WI 1974 Thailand Agricultural Cooperatives, An Analysis With Recommendations for Improvement, USAID, Bangkok, Thailand 1968.
Lang: Sp 2-2-2.
Mbr: WAEA; IAAE.
Hon: Epsilon Sigma Phi; Dir of Am Scholar Leaders in Educ; Am Men & Women of Science; Who's Who in the Midwest; Who Who in the West.

ROBINSON, Vernon L., Forestry Sci Lab, Carlton Street, Athens GA 30602; PH 40 546-2463.
Res Forester, USDA Forest Service (23) 07.
b. 1929; M-3.
BS 1956 IA St Univ; MS 1958 IA St Univ; PhD 1972 Univ of GA.
Fields: 023.
Pub: Risk and the Lumber Futures Market Forest Prod Jour 1970; Econometric Model of Softwood Lumber and Stumpage Markets 1947-67, Forest Science 1974; Estimate of Technological Changes in Lumber and Wood Products Industry, For Science 1975.
Mbr: SEA; SAF; FPRS.
Hon: Phi Kappa Phi.

ROBISON, Lindon J., Room 128, 500 12th Street SW, Washington DC 20250; PH 202 447-9230.
Economist, ERS-USDA (16) 07.
b. 1945 California; M-3.
BS 1969 UT St Univ; MS 1971 Univ of IL; PhD 1975 TX A&M Univ.
Fields: 013, 081.

Pub: Portfolio Adjustments Under Uncertainty, TX A&M Univ 1975; A Practical Way to Select an Optimum Farm Plan: Comment AJAE 1975; Cash Flows & Financing in Texas Agriculture, SJAE 1973.
Lang: Sp 1-2-1.
Mbr: AEA; AFA.

ROBLOT, Mrs., Essec Bibliotheque, B/P 105, F-95001 Cergy, France.

ROCHA, Dilson S., Dept of Agr Econ, OR St Univ, Corvallis OR 97330.

ROCHA, Manuel D., Bureau of Animal Ind, Mktg Unit, Sta, Mesa Manila, Philippines 2806; PH 618-888.
Chief Mktg Unit, Bureau of Animal Ind (21) 11, 07, 18.
b. 1946 Philippines; Citz: Philippines; M.
BS 1968 Univ of the Philippines, Los Banos; MA 1974 TX A&M Univ.
Fields: 014, 016, 095, 081.
Prev Emp: Livestock & Poultry Tech, Bur of Animal Ind, Philippines 1968-70; Mkt Analyst, Philippines 1970-73.
Pub: Marketing System of Livestock & Poultry in the Philippines, Marketing Notes, BAI 1975.
Lang: Tagalog, Bicol; Other: Eng 1-1-1.
Mbr: AEA of the Philippines; Phil. Natl Assn on Food & Agr 1975.
Hon: Recipient, NEC-USAID Training Prog.

ROCHFORD, John C., Legislative Fiscal Office, Room 1007, State Capitol, Lincoln NE 68509; PH 402-471-2263.
Asst Dir, Legislative Fiscal Anal (40), 17, 19, 15.
b. 1940; U.
BS 1969, MS 1972 Univ of NE.
Fields: 020, 091.
Prev Emp: Legislative Anal, NE Legislature, Lincoln NE 1973-75; Econ, NE Natural Res Comm, Lincoln NE 1972-73; Res Asst, Univ of NE 1969-72.
Hon: GSD.

ROCHIN , Refugio I., Dept of Agr Econ, Univ of CA, Davis CA 95616; PH 916-752-3566.
Asst Professor, Univ of CA (03) 07, 08.
b. 1941; M-2.
BA 1966 Univ of CA, Berkeley; MS 1967 Univ of AZ; MA 1969, PhD 1971 MI St Univ.
Fields: 031, 121, 073, 043.
Prev Emp: Prog Asst, The Ford Foundation, Colombia 1973-75; Asst Prof, Univ of CA, Davis 1971-73; Training Assoc, The Ford Foundation, Pakistan & Bangladesh 1969-71.
Pub: Interrelationships Between Farm Environment, Off-Farm Migration & Rates of Adaption-Pakistan Small Farms, Purdue Univ Agr Exp Sta Bull. 101, Spet 1975; The Subsistence Farmer as Innovator, South Asian Review 1973; The Short and Turbulent Life of Chicano Studies, Social Science Quarterly 1973.
Lang: Sp 1-1-1, Por 2-2-1.
Mbr: AEA; IAAE; WAEA.
Hon: Who's Who in Am; Am Men & Women of Science; Foreign Affairs Scholar-Ford Foundation Program.

RODEWALD, Gordon E., Dept of Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-1708.
Agr Econ, USDA (16) 07.
b. 1931; M-3.
BS 1959, MS 1960 MT St College; PhD 1968 Univ of IL.
Fields: 011, 012.
Pub: Attitudinal Research Relating to Farmers Use of Short Term Credit, USDA-ERS-25, 1961; Intern Period Asset Valuation, Agr Econ Res USDA, ERS Vol 1, 1969; Impact of Adoption of 4-Wheel Drive & Larger Tractors by Dryland Grain Farmers in Southeast Washington, Proc. West Agr Econ Assn 1975.
Mbr: WAEA.
Hon: Alpha Zeta; Gamma Delta Sigma.

ROE, Terry L., Dept of Agr & Applied Econ, Univ of Minnesota, St Paul MN 55101; PH 612-373-0951.
Assoc Professor, Univ of MN (03) 07, 08, 22.
b. 1939; M-2.
MS 1964 ND St Univ; PhD 1969 Purdue Univ.
Fields: 077, 080, 105, 32.
Prev Emp: Assoc Prof, Univ of MN in Tunisia 1972-74; Asst Prof, Univ of MN, St Paul 1971-72; Agr Econ, ERS-USDA, Univ of MN 1969-71.
Pub: Induced Innovation: A CES-Type Meta Production Function, Induced Innovation and Development, Johns Hopkins Press 1976; A Programming Approach to Urban Transit Planning, Transportation Eng Jour 1973; Optimal Cost Benefit Analysis of Urban Transportation Systems: Its Use in Policy Management, Univ of MN Press.
Lang: Fr 2-0-2.
Mbr: ES; ASA; IER.

ROENIGK, William P., 1155 15 Street NW, Washington DC 20005; PH 202-296-2622.
Dir of ERTC, Natl Broiler Council (53) 07, 22, 27.
b. 1943; M-2.
BS 1965 PA St Univ; MS 1967 Univ of DE.
Fields: 014, 051, 104, 105.
Prev Emp: Econ, Cost of Living Coun, Wash. DC 1973-74; Econ, ERS-USDA, Wash. DC 1969-73; Econ, Foreign Agr, Wash., DC 1968-69.
Pub: Campers Using Delaware's Camps, Univ of DE 1967.
Mbr: NEC; Food Group.

ROGALLA, John A., Dept of Agr Mgmt, CA Polytechnic St Univ, San Luis Obispo CA 93407; PH 805-546-2594.
Prof, Farm Mgmt, CA Polytechnic St Univ (03) 08.
b. 1927; M-2.
BS 1956 CA Poly St Univ; MS 1958, PhD 1968 Cornell Univ.
Fields: 012, 014, 016, 082.
Pub: Farm Business Expansion in an Economically Disadvantaged Region of the Northeastern United States, Cornell Univ 1968.

ROGERS, George B., 8303 Vernon Drive, New Carrollton MD 20784.

ROGERS, Keith D., Dept of Agr, Western IL Univ, Macomb IL 61455; PH 309-298-1468.
Assoc Professor, W. IL Univ (03) 08, 07.
b. 1940; M-2.
BS 1964, MS 1966, PhD 1971 IA St Univ.
Fields: 010, 073, 080.
Prev Emp: Chief Party, IA St Univ-Thailand; Anal, Thailand Sector 1973-75; Asst Prof, Western IL Univ, Macomb 1971-73; Res Assoc, IA St Univ, Ames 1968-71.
Pub: Food Aid and International Economic Growth, IA St Univ Press 1975; Regional Agricultural Sector Analysis in Thailand FAO Bangkok, Thailand 1975; Modified Price, Production and Income Impacts of Food Aid Under Differentiated Distribution, AJAE 1972.
Lang: Sp 2-3-3, Fr 3-3-3.
Mbr: AEA; IL Soc of Prof FM&RA.
Hon: Omicron Delta Epsilon; Sigma Xi; Gamma Sigma Delta; Alpha Zeta.

ROGERS, Leroy F., Dept of Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-5555.
Professor & Chairman, WA St Univ (03) 02, 07, 08.
b. 1933; M-3.
BS 1954 CA St Polytech College; MS 1958 OR St Univ, Corvallis; PhD 1963 Univ of IL.
Fields: 012, 013, 017.
Prev Emp: Assoc Prof, Univ of NV, Reno 1964-67; Asst Prof, OR St Univ, Corvallis 1963-64.
Pub: Separable Programming for Considering Risk in Farming, AJAE 1972; Economics of Replacement Rates in Com'l Beef Herds, Jour of Animal Sci 1972.
Mbr: WAEA.

ROGERS, Richard T., Dept of Agr Econ, Rm 340 Agr Hall, Univ of Wisconsin, Madison WI 53706; PH 608-263-6383.
RA, Univ of WI (03) 07, 08, 23.
b. 1950; U.
AB 1973 Univ of CA, Berkeley.
Fields: 101, 015, 014.
Prev Emp: Econ, ERS, Univ of CA, Davis 1973.
Pub: Wine Grape Mechanization Economic Factors, CA Agr Vol 28, #8, August 1974.
Lang: Sp 3-3-3.
Mbr: Taylor-Hibbard Club, President 1975-76; Grad Student Club at Univ of WI.
Hon: Dept Fellow 1974-75; Phi Beta Kappa

ROGERS, Robert O., 2348 N. Early Street Alexandria VA 22302; PH 703-379-6363
Econ Anal, ERS-USDA (15) 06, 07, 19.
b. USA; M-1.
BS 1943 Univ of CA, Berkeley; MA 1951 WA St Univ; MA 1956 Univ of Chicago.
Fields: 017, 118, 012, 016.
Prev Emp: Econ Anal, USDA, Washington DC 1954 to date; Reclamation Econ, USDI-Bureau of Reclamation, Ephrata WA 1950-54.
Pub: US Farm Production Potential, USDA Agr Info Bull. No. 233 1960; Farm Output and Projected Needs, USDA Agr Info Bull. No 162, 1956; Irrigated Farms-Potential & Problems, USDA Agr Info B No. 980, 1956.
Lang: Sp 3-3-3.
Mbr: AEA; IAAE; ASAE.
Hon: Am Men & Women of Sci; Who's Who i Govt; Fellowship Univ of Chicago, Personal Commendation; Citation, US N Exec Mbr, Am Soc Agr Eng.

ROGERS, Stanley C., Dept of Agr Econ, O St Univ, Stillwater OK 74074; PH 405-377-8361.
Res Assoc, OK St Univ (03) 23, 07, 14.
b. 1946; M.
BS 1974 OK St Univ.
Fields: 014, 082, 083.
Mbr: SAEA; WAEA.
Hon: Omicron Delta Kappa.

ROHDE, Gary E., 801 W Badger Road, Madi WI 53713; PH 608-266-7100.
Sec of Agr, State of Wisconsin (40) 01.
b. 1938; M-2.
BS 1960 River Falls St Univ; MS 1966 Univ of WI, Madison; PhD 1966 Univ of WI, Madison.
Fields: 017, 014.
Prev Emp: Prof, Univ of WI, River Falls 1966-76.
Pub: Economics 422 Cooperation, UW Extension 1968.
Mbr: NACTA; TAUWF.
Hon: Dist. Teacher, River Falls Campus 1975; Outstanding Educator 1971.

ROHDY, Donald D., 1645 West Valencia Drive, Fullerton CA 92634; PH 714-871-2100.

Asst to Exec VP, Hunt-Wesson Food Inc (51) 05.
b. 1934; M-3.
BS 1956; PhD 1963 IA St Univ.
Fields: 091, 015, 016, 018.
Prev Emp: VP CO St Univ, 1972-75; Prof of Econ, CO St Univ 1966-75; Mgr of Commodity Analysis, Hunt-Wesson Foods Inc, Fullerton CA 1963-66.
Pub: Estimating the Impact of Higher Education From Input-Output Models: A Case Study, Rocky Mountain Soc Sci Jour, Jan 1975; Economic Impact of Hunting and Fishing Expenditure on a Local Colorado Economy, Annals of Reg Sci, June 1972; Generalized Distribution Problem: Framework and Application, Contemporary Agr Mktg 1968.
Hon: Alpha Zeta; Gamma Sigma Delta; Phi Kappa Phi.

ROJKO, Anthony Stanley, FDCD-ERS-USDA, 500 12th Street SW, Washington DC 20250; PH 202-447-8981.
Program Leader, ERS-USDA (16) 07, 19, 18.
b. 1918; M-6.
BS 1941 Univ of MA; MS 1948 Univ of CT.
Fields: 112, 017, 016, 018.
Prev Emp: Agr Econ, ERS-USDA, Washington DC 1966-72; Head, Price Res & Methods Sect, ERS-USDA, Washington DC 1960-66; Anal Stat, BAE & AMS USDA, Washington DC 1949-60.
Pub: World Demand Prospects for Grain to 1980, USDA Washington DC 1971; World Food Situation, USDA Washington DC 1967; Demand & Price Structure for Dairy Products, USDA Washington DC 1957.
Lang: Pol 0-0-2.
Mbr: AEA; ES; World Future Soc.
Hon: AFEA Award for Res 1953; Superior Serv Award - USDA 1974.

ROLF, Floyd E., Rm 0222 South Bldg, USDA, Washington DC 20250; PH 202-447-2127.
Chief, Crops Br, SRS-USDA (22) 06, 15, 18.
b. 1923 Kansas; M-3.
BS 1948, MS 1949 KS St Univ.
Fields: 080.
Prev Emp: Stat in Charge, SRS-USDA, Denver CO 1970-76; Stat in Charge, SRS-USDA, Phoenix AZ 1961-70; Stat, SRS-USDA, Sioux Falls SD 1959-61.

ROLLINS, Franklin D., Agr Sci Bldg, Rm 328, Univ of Arizona, Tucson AZ 85721; PH 602-884-1095.
Professor, Univ of AZ (03) 09, 07, 08.
b. 1924 Massachusetts; M-2.
BS 1950, MS 1951 Univ of MA; PhD 1959 OH St Univ.
Fields: 014, 012, 151.
Prev Emp: Instr, OH St Univ 1956-59; Instr, VT Jr College, Randolph, 1951-56.
Pub: Marketing Costs vs Volume of Eggs, OH St Univ 1959; Marketing Broiler Hatching Eggs, Univ of MA 1951.
Mbr : AMA; Poultry Science, World Poultry Science.

RONNAU, Robert M., Farmland Industries, PO Box 7305, Kansas City MO 64116.

ROOP, Joseph M., USDA, 500 12th Street, Washington DC 20250; PH 202-447-7330.
Agr Econ, USDA (16) 07, 15.
b. 1941 Alabama; M-1.
BS 1963 Central MO Univ; PhD 1973 WA St Univ.
Fields: 081, 131, 062, 105.
Prev Emp: Res Plng Assoc, W. Assoc Agr Exp Station, Berkeley CA 1973-75; Res Assoc, WA Agr Res Center, Pullman 1971-73; Instr Dept of Econ, WSU, Pullman 1969-71.
Pub: Methods of Programming Agr Exp Station Research, WA Agr Sta Bull. 1976; Contingency Mgmt in the Teaching of Econ, Intermountain Econ Review 1973.
Mbr: AEA; WEA.

ROSA, Franco, Facolta Agraria 29100, Piacenza, Italy 29100; PH 0523-288-21.
Asst Ordinario, Facolta Agraria (03) 02.
b. 1945 Italy; Citz: Italy; U.
Gen Agr 1970 Fac of Piacenza; Agr Econ 1973 Center of Naples.
Fields: 011, 015, 092, 093.
Prev Emp: Asst, Faculty of Agr, Piacenza 1973-74.
Lang: Italian; Other: Fr 1-2-1, Eng 1-2-2.

ROSE, Frank S., 2 Chittenden Hall, MI St Univ, East Lansing MI 48824; PH 517-353-7895.
Student, MI St Univ (03) 23, 07.
b. 1947 New York; M.
BS 1969 Cornell Univ.
Fields: 073.
Prev Emp: Eng Tchr, Exec Language School, Kobe, Japan, 1972-74; Voc Agr Tchr, Peace Corps, Malaysia 1969-71.
Lang: Malay 1-2-2, Fr 2-3-3, Ind 1-2-2, Jap 3-3-2.
Mbr: Assoc for Asian Studies.

ROSE, Gordon D., 260 Coffey Hall, Univ of Minnesota, St Paul MN 55108; PH 612-373-1230.
Prof & Prog Dir, Univ of MN (03) 02, 09.
b. 1932 South Dakota; M-3.
BS 1955, MS 1958 SD St Univ; PhD 1964 IA St Univ.
Fields: 031, 020, 038, 035.
Prev Emp: Prof & Ext Econ, SD St Univ 1967-74; Agr Econ, ERS-USDA, Washington DC 1964-67.
Mbr: IAAE; CDS.

ROSENBERGER, Stanley E., Food & Fiber Center, 82 Plaza, Starkville MS 39759; PH 601-325-4905.
Mgr, Food & Fiber Center, MS Coop Ext Service (03) 09.
b. 1923 Florida; M-2.
BS 1947, MS 1949, PhD 1962 Univ of FL.
Fields: 015, 014.
Prev Emp: Asst-Assoc-Full Prof, Univ of FL, Gainesville, 1947-74.
Pub: A History of the Florida Veg Ind and State Farmers Markets for Vegetables, Univ of FL, August 1962; Operational Analysis of Six Independent Florida Garden Supply Businesses for Fiscal Year 1969-70, Univ of FL, July 1971; Operational Analysis of Independent Florida Food Stores 1967, Univ of FL, August 1969.
Mbr: SAEA; Prod Mktg Assoc; Food Distribution Res Soc.
Hon: Am Men & Women of Science.

ROSENBERRY, Paul E., 581 E Hall, Dept of Economics, IA St Univ, Ames IA; PH 515-294-4422.
Proj Leader, ERS-USDA (16) 07, 15, 19.
b. 1935 Nebraska; M-3.
BS 1957, MS 1958 Univ of NE; PhD 1971 IA St Univ.
Fields: 026, 016, 018, 038.
Prev Emp: Proj Ldr, ERS-USDA, Washington DC 1961; Asst Grp Ldr, AMS-USDA, Washington DC 1960.
Pub: Technological Change & Econ of Cons, Jour of Soil & Water Cons 1968; Econ Implications of Soil Cons, Jour of Soil and Water Cons 1971; Research Needs Related to Soil Erosion, IA Academy of Science 1973.
Mbr: SCS; IA-Academy of Science.
Hon: Who's Who in America.

ROSENTHAL, Arnold J., Celanese Res Co, Summit NJ 07901; PH 201-273-6600.
Sr Res Assoc, Celanese Res Co (51) 07, 15, 19.
b. 1922 New York; M-4.
BS 1941 CCNY; PhD 1958 PINY.
Fields: 105, 084, 153.
Pub: Quality Control & Applied Statistics, Whippany NJ 1956; Operations Research, Management Science 1961.
Mbr: ASA; ACS; ASQC.
Hon: Am Men & Women of Science.

ROSERA, Eugene S., PO Box 17630, Baton Rouge LA 70893; PH 504-388-1485.
Grad Student, LA St Univ (03) 07.
b. 1944 Oregon; U.
BA 1966 Univ of Portland; MS 1976 LA St Univ.
Fields: 035, 031, 011.
Prev Emp: Prog Dir, Catholic Relief Serv, Lesotho, Ghana 1970-72.
Pub: Household Consumption in Rural Economy, LA Rural Economist 1975.
Hon: Gamma Sigma Delta; Who's Who in Am Colleges & Univ 1966.

ROSINE, John, 280 Marquette Avenue, Res Dept, Fed Resv Bank, Minneapolis MN 55480; PH 612-340-2352.
Econ, Fed Resv Bank of Minneapolis (33), 07.
b. 1945 Kansas; M.
BA 1967 KS TC, Emporia KS; PhD 1973 Univ of WI, Madison.
Fields: 013, 063, 082, 086.
Pub: Neoclassical Model of U.S. Farm Sector, AJAE 1974; Why Farming Changed, Mercurio, Italy Publication 1975.
Lang: Fr 2-3-3.
Mbr: AEA.

ROSNER, Monroe H., 340 Agr Hall, Univ of Wisconsin, Madison WI 53706; PH 608-262-3653.
Proj Assoc, Univ of WI (03) 07, 09, 08.
b. 1937 New York; M.
BA 1958 Queens College; MA 1962 Columbia Univ; PhD 1972 Univ of WI.
Fields: 020, 073, 081, 026.
Prev Emp: Res Assoc, Inst for Env Studie Madison WI 1972-74; Agr Econ, AID, Bolivia 1966-69; Volunteer, Peace Corp Guatemala 1963-65.
Pub: Role of Agriculture in Economic Development, Land Tenure Center, Univ of WI 1973; Public Land & Property Taxes, Agr School, Univ of WI 1976.
Lang: Sp 1-1-1, Por 1-2-3.

ROSS, Carlyle B.A., Res Plng & Policy Br Dept of Tourism & Renewable Resources, Regina, Sask, Canada S4P2H9; PH 306-523-1693.
Resource Mgmt Cons, Province of Saskatchewan (40) 07, 22, 08.
b. 1940 Guyana; Citz: Canada; M-2.
BS 1964 Univ of W. Indies; MS 1969 Univ of Alberta; PhD 1974 Univ of Manitoba.
Fields: 020, 017, 011, 141.
Prev Emp: Instr, Univ of Regina, Canada 1976; Res Asst, Univ of Manitoba, 1969-73; Res Asst, Univ of Alberta, 1965-68.
Pub: Estimation of Demand for and Benefits Derived from Outdoor Recreation, Univ of Manitoba 1974; Case Study of the Success of Settlement, Univ of Alberta 1969; Economic Study of Big Game Hunting in Saskatchewan, Province of Saskatchewan 1975.
Lang: Fr 2-0-3.
Mbr: CAES.

ROSS, James E., Rm 230-E, USDA, Washingt DC 20250; PH 202-447-4894.

Spec Asst, Office of the Secretary, USDA (23) 06, 18, 19.
b. 1931 Illinois; M-1.
BS 1953, MS 1959, PhD 1966 Univ of IL.
Fields: 112, 118, 017, 113.
Prev Emp: Asst Dean, Agr Prog, Univ of FL, Gainesville, 1972-75; Assoc Dir Intl Prog in Agr, Univ of FL 1970-72; Chf of Party, Univ of FL, Ghana & Costa Rica 1966-70.
Pub: Cooperative Rural Electrification, Praeger Publishers, New York 1972; Rural Electrification, Univ of FL 1973; La Revolucion Verde en la America Latina, La Hacienda 1970.
Lang: Sp 2-2-2, Fr 3-0-0.
Mbr: IAAE; SAEA; AUSUDIAP.
Hon: Am Men & Women of Science; Travel Grant, US Council IAAE; NRECA Award for Meritorious Serv; USDA Unit Award for Superior Service.

ROSS, Lyle M., 700 Cedar, Alexandria MN 56308; PH 612-763-4733.
Area Resource Devl Agent, Agr Ext Serv, Univ of MN (17) 09, 20, 22.
b. 1930 Minnesota; M-4.
BS 1960, MS 1968 Univ of MN.
Fields: 031, 012, 026.
Prev Emp: Farm Mgr, Self Employed, Fargo ND 1966-68; Farm Mgr, Univ of MN, Worthington MN 1961-66.
Pub: Study of Accuracy, Time, Attitudes in Farm Record Keeping, Univ of MN 1968; Irrigation Potential in Bonanza Valley, Univ of MN 1971.
Mbr: ASFM&RA; SCSA; Natl Assoc of Ext Agents.

ROSSI, Daniel, Dept of Agr Econ, Rm 306 Weaver Bldg, PA St Univ, University Park PA 16802; PH 814-865-2652.
Res Asst, PA St Univ (03) 23, 07.
b. 1949 New Jersey; M.
BS 1971, MS 1973 Rutgers Univ.
Fields: 020, 025, 016.
Prev Emp: Res Asst-Assoc, Rutgers Univ, New Brunswick NJ 1971-75; Agr Stat Trainee, USDA Stat Crop Rptg Serv, Trenton NJ 1970.
Pub: Developing Guidelines for Selection of Nutrition Aides, NJ Agr Exp Sta, Rutgers Univ 1974; Factor Cost Relationships for Sludge Recycling, JNAEC 1974; Expanded Food & Nutrition Education Program in New Jersey, NJ Agr Exp Sta, Rutgers Univ 1974.
Mbr: NAEC.
Hon: Alpha Zeta; Gamma Sigma Delta; Phi Kappa Phi.

ROSSMILLER, George E., Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-355-2160.
Assoc Prof, MI St Univ (03) 07, 08, 09.
b. 1935 Montana; M-2.
BS 1956, MS 1962 MT St Univ; PhD 1965 MI St Univ.
Fields: 077, 017, 118.
Pub: Korean Agricultural Sector Analysis and Recommended Development Strategies 1971-1985, MI St Univ 1972.
Lang: Ger 3-0-3.
Mbr: Korean Agr Econ Assoc.
Hon: Who's Who in America; Am Men & Women of Science.

ROURKE, Gary W., Route # 1, Osnabrock ND 58269.

ROURKE, John P., USDA-AMS-DA-MI, Rm 2959, 14th & Independence SW, Washington DC 20250; PH 202-447-4115.
Agr Econ, USDA (21) 11, 15, 19.
b. 1947 Missouri; M.
BS 1970 Univ of MD; 1971-72 PA St Univ.
Fields: 014, 015, 081, 017.
Prev Emp: Econ, U.S. Treasury Dept, Washington DC 1970; Salesman, Kinney Shoes, Adelphi MD 1967-70; Elct Asst, Fischbach & Moore, Washington DC 1966.
Pub: Sources of Milk for Fed Milk Order Markets, Washington DC 1975; Packaged Fluid Milk Sales in Fed Milk Order Markets by Size & Type of Container and Distribution Method, Washington DC 1975.
Lang: Sp 3-3-3.
Hon: Gamma Sigma Delta.

ROUSH, Clint E., Rm 513 Agr Hall, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Ext Farm Mgmt Spec, OK St Univ (03) 09, 08.
b. 1947 USA; M-1.
BS 1969, MS 1972 OK St Univ.
Fields: 013, 012, 011.
Prev Emp: Res Asst, OK St Univ, Stillwater 1970-73; Beef Mgmt Staff, Wilson & Co, Oklahoma City 1969-70.
Pub: Trade Credit & Receivables Management OK St Univ 1973.
Mbr: SAEA; OK-SFM&RA.
Hon: Phi Kappa Phi; Alpha Zeta.

ROUTHE, Harlund G., Inst of Agr, 240 Coffey Hall, Univ of Minnesota, St Paul MN 55108; PH 612-373-1222.
Prof & Assoc Dir, Agr Ext Serv, Univ of MN (03) 02, 09, 20.
b. 1926 Minnesota; M-4.
BS 1951, MS 1954 Univ of MN; 1964-66 Univ of WI.
Fields: 012, 092.
Prev Emp: Agr Prog Dir, Agr Ext, Univ of MN 1963-68; Ext Econ-Farm Mgmt, Agr Ext, Univ of MN 1955-63; Ext Farm Mgmt Spec, SW Farm Bus Assoc, Univ of MN 1952-55.
Mbr: ASFM&RA.

ROWE, Gordon, 319 Giannini Hall, Univ of California, Berkeley CA 94720.

ROWE, J.Z., PO Box 2578, Houston TX 77001; PH 713-224-4433.
Asst V Pres, Fed Resv Bank (54) 17.
b. 1922 Texas; M-1.
BA 1946 Univ of TX; MS 1947, PhD 1955 Purdue Univ.
Fields: 013, 131.
Prev Emp: Dir of Res, Fed Resv Bank, Dallas TX 1963-69; Econ, Fed Resv Bank, Dallas TX 1955-63; Ext Econ, NM St Univ, Las Cruces NM 1947-55.
Pub: The Public-Private Character of U.S. Central Banking, Rutgers Univ Press 1965.
Mbr: AEA.

ROWELL, John D., 1220 N Street, Sacramento CA 95814; PH 916-445-5141.
Sr Agr Econ, State of California (40) 06.
Unmarried.
BS 1948, MS 1950 OR St Univ.
Fields: 014, 016, 017, 073.
Prev Emp: Agr Mktg & Proc Adv, AID, Rio de Janeiro 1961-63; Asst Agr Econ, Univ of AZ, Tucson 1949-53.
Pub: WM-8 Tucson 1949-50; WM 9, Tucson 1950-53; Agr Mktg & Proc Seminar, Rio de Janeiro.
Lang: Por 1-1-1, Sp 2-2-3.
Mbr: WAEA.

ROY, Ewell P., Dept of Agr Econ & Agribusiness, LA St Univ, Baton Rouge LA, 70803; PH 504-388-6204.
Professor, LA St Univ (03) 07, 08.
b. 1929 Louisiana; M-1.
BS 1949, MS 1950, PhD 1955 LA St Univ.
Fields: 014, 043, 024, 141.
Prev Emp: Coordinator, Reg Res, Baton Rouge LA 1955-56; Instr, Pointe Coupee School Board, New Rds LA 1949-50.
Pub: Economics: Introductory, Interstate Press, Danville IL 1970; Cooperatives, Interstate Press, Danville IL 1975; Exploring Agribusiness, Interstate Press, Danville IL 1970.
Lang: French; Other: Eng 1-1-1.
Mbr: AEA.
Hon: Gamma Sigma Delta; Alpha Zeta; Dist Faculty Fellow; GSD Tchg Award; SGA Tchg Award.

ROYER, Jeffrey S., 473 East Hall, Dept of Economics, IA St Univ, Ames IA 50011; PH 515-294-7580.
Res Asst, IA St Univ (03) 07.
b. 1951 Iowa; M.
BS 1973 IA St Univ.
Fields: 014.

ROZELL, Donald G., WA St Univ, Pullman WA 99163; PH 509-335-5555.
Grad Res Asst, Dept of Agr Econ, WA St Univ (03) 23, 07.
b. 1941 California; M-2.
BA 1965 CA St Univ, San Diego; MA 1974 Univ of NV; 1974 to date WA St Univ.
Fields: 073, 105, 038, 022.
Prev Emp: Dir/W. Coast, Gale Assoc, San Francisco 1968-70; Rur Devl Off, USAID, Vietnam 1965-67; Volunteer, Peace Corps, Bolivia 1962-64.
Pub: Taxation of Agricultural Land in Nevada, Univ of NV 1974.
Lang: Sp 2-2-1.
Mbr: IAAE; Assoc for Evol Econ.

RUANE, James J., Harcourt House, Harcourt Street, Dublin 2 Ireland; PH 01-75-7971.
Sr Cons, Stokes Kennedy Crowley (51) 10, 17, 15.
b. 1944 Ireland; Citz: Ireland; M.
BS 1966, MS 1967 Univ College Dublin; PhD 1971 PA St Univ.
Fields: 090, 100, 118, 014.
Prev Emp: Econ, Deere & Co, Moline IL 1971-73.
Pub: Spatial Equilibrium Analysis - Milk, PA St Agr Exp Sta 1972; Monte Carlo Analysis, Irish Jour Agr Econ & Rur Soc 1970.
Lang: Fr 1-2-1, Ger 1-2-1.
Mbr: Inst of Mgmt Cons.
Hon: Gamma Sigma Delta.

RUBLE, William L., Room 247-W, 14th & Independence SW, Washington DC 20250; PH 202-447-3438.
Deputy Adm Mgmt, ASCS-USDA (23) 06.
b. 1933 USA; M-2.
BS 1954, MS 1955, MS 1964, PhD 1968.
Fields: 091, 046, 081, 083.
Prev Emp: Dir, ADP Div, ASCS-USDA 1971; Assoc Prof, MI St Univ 1969; Farm Mgmt Fieldman, Doane Agr Serv, IL 1958.
Mbr: ASPA; ACM; ES.
Hon: Phi Kappa Phi.

RUBRIGHT, Lawrence V., 315 Jones Law Bldg Annex, 311 Ross Street, Pittsburgh PA 15219; PH 412-471-9245.
Area Mktg Agent, PA St Univ (03) 09, 22, 21.
b. 1922 Pennsylvania; M-3.
BS 1946, MS 1949 PA St Univ; 1963 KS St Univ; 1966 CO St Univ.
Fields: 014, 053, 012, 031.
Prev Emp: Salesman Trainer, C.W. Stuart Co, New York 1957-59; Zone Mgr, Intl Harvester Co, Pittsburgh 1953-57; 2nd Lt, U.S. Army 1950-53.

Pub: Insurance Carried by Pennsylvania Farmers, PA St Univ 1949; Alleg County Farmers Market, PA St Univ Ext Studies No. 18, 1963.
Lang: Fr 3-3-3.
Mbr: NACAA.
Hon: Epsilon Sigma Phi.

RUDD, Robert W., Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506; PH 606-258-5762.
Prof & Chairman, Univ of KY (03) 02, 08, 09.
b. 1919 Kentucky; M-3.
BS 1939, MS 1941 Univ of KY; PhD 1952 Univ of CA.
Fields: 017, 014.
Prev Emp: Acting Dean, College of Commerce Univ of KY 1964-65; Academic Asst to President, Univ of KY 1963-64.
Lang: Fr 3-0-0.
Mbr: SAEA, President 1968-69.
Hon: Who's Who in America; Am Men & Women of Science; Faculty Mbr, Board of Trustees Univ of KY 1968-71; ODK, GSD.

RUDDER, Winston R., Mins of Agr, PO Box 389, Port of Spain, Trinidad, West Indies.
Agr Econ, Govt Trinidad & Tobago, 20, 18, 09.
b. 1942 Trinidad; Citz: West Indies; M-4.
BS 1965 Univ of West Indies; MS 1972 Univ of Manitoba.
Fields: 012, 011, 016, 017.
Prev Emp: Agr Off, Ext Serv, Mins of Agr, Trinidad, WI- 1965-69.
Pub: Market Potential for Greenhouse Tomatoes in Manitoba, MS Thesis Univ of Manitoba 1972.
Lang: Sp 2-2-3.
Mbr: IAAE; Caribbean Agr-Econ Soc; Assoc of Prof Agr of Trinidad & Tobago, Tres. 1974.

RUFAI, Ahmadu, Ministry of Agr & Natural Resources, Kano, Nigeria, PMB 3078; PH 0762-5412.
Chf Agr Off, Kano St, Nigeria Govt (40) 06, 18, 09.
b. 1936 Nigeria; Citz: Nigeria; M-7.
BS 1967 W. IL Univ; MS 1971 Univ of WI.
Fields: 011, 017, 012, 014.
Pub: Evaluation of Agr Devl Projects, Univ of WI, Madison 1971.
Lang: Hausa; Other: Eng 1-1-1, Arabic 2-2-3.
Mbr: Agr Soc of Nigeria, St Exec Comm Mbr 1971-73.

RUFF, Samuel O., FDCD-ERS-USDA, 500 12th Street SW, Washington DC 20250; PH 202-447-8133.
Econ, USDA (16) 06, 07.
b. 1917 Virginia; U.
BA 1938, Hampden-Sydney, VA; MA 1942, U of VA; Grad Work 1953-54 Johns Hopkins Univ.
Fields: 073, 112, 111.
Prev Emp: For Serv Officer, Class IV, Dept of State, Washington DC 1947-64; Cons, American Consultants, Glasgow Scotland 1956-58; Sec of Embassy, Am Embassy, Baghdad, Iraq 1954-56.
Pub: Articles in Foreign Agriculture, Washington DC 1973-74.
Lang: Fr 3-2-2, Sp 1-1-1.
Mbr: AFSA; Glasgow Cons. Corps.

RUGU, George M., Dept of Agr Economics, Michigan St Univ, East Lansing MI 48824.

RUPPRECHT, Erhardt O., Agr Economics, 500 12th Street SW, USDA-ERS-NEAD Washington DC 20250.

RUST, Charles H., Coop Extension Service, MT St Univ, Bozeman MT 59715; PH 406-994-3451.
Program Coordinator, MT St Univ (03) 09.
b. 1931 North Dakota; M-3.
BS 1959, MS 1960 ND St Univ; PhD 1965 MT St Univ.
Fields: 014, 091, 031.
Prev Emp: Mktg & Transp., Spec., ES-USDA, Washington DC 1969-70; Mktg Spec, CES, MT St Univ 1963-69.
Pub: Pork Distribution Patterns, ND St Univ 1961; Survival & Growth Potential of the Small Meat Packing Business in Montana, MT St Univ 1963; Grain Shipments in Montana, MT St Univ 1969.
Hon: Who's Who in America; Intl Travel Grant from AAEA; Intl Farm Youth Exchange.

RUST, Ronald S., Sir John Carling Bldg, Carling Ave.,Ottawa, Ontario, Canada K1A 0C5; PH 613-994-5571.
Chf Spec Studies Sect, Agr Canada Econ, (06) 06, 27, 17.
b. 1915 Canada; Citz: Canada; M.
BS 1952 Univ of Manitoba; BE 1953, MA 1957 Univ of Alberta; PhD 1959 Univ of IL.
Fields: 013, 159, 017, 012.
Prev Emp: Chf, Farm Fin Sect, Agr Canada, Ottawa 1967-68; Asst Dir, FESD Agr Canada, Ottawa 1968-71.
Pub: Farm Business Financing & Taxation Relationships, CFE 1974; Farm Credit, CFE 1975; Farm Finance Situation & Outlook, CFE 1975.
Lang: Fr 2-3-3.
Mbr: CAES; IAAE; OIA.
Hon: Community Leaders & Noteworthy Americans; Directory Intl Biography; Natl Register of Prominent Americans.

RUTTAN, Vernon W., Tanglin PO Box 84, Singapore 10, Singapore; PH 379-266.
Pres., Agr Devl (72) 04, 07, 22.
b. 1924 Michigan; M-4.
BA 1948 Yale Univ; MA 1950, PhD 1952 Univ of Chicago.
Fields: 105, 076, 017, 035.
Prev Emp: Dir, Econ Devl Center, Univ of MN 1970-73; Head, Dept of Agr & Applied Econ, Univ of MN 1965-70; Econ, Rockefeller Foundation 1963-65.
Pub: Agricultural Development, Johns Hopkins Univ 1971; The Economic Demand for Irrigated Acreage, Johns Hopkins Univ 1965; Agricultural Policy in an Affluent Society, Norton 1969.
Mbr: AEA; CFR; IAAE.
Hon: Who's Who in America; AAEA Publications Awards 1956, 1957, 1962, 1966, 1967 & 1971; Fellow, AAEA 1974; President, AAEA 1971-72.

RYAN, James G., Icrisat 1-11 256 Begumpet, Hyderabad, India AP; PH 7-2091.
Econ, Intl Crops Res Inst Semiarid Tropics (67) 07.
b. 1941 Australia; Citz: Australia; M-2.
BS 1962, MS 1969 Univ of Sydney; PhD 1972 NC St Univ.
Fields: 011, 062, 017, 081.
Prev Emp: Sr Econ, NSW Dept of Agr, Sydney, 1962-75; Res Assoc, NC St Univ, 1970-71.
Pub: Fertilizer Response Info and Income Gains, AJAE 1974; Input Demand & Production Fn. Models to Assess Benefits of Dairy Herd Improvement, Australian Jour of Agr Econ 1975; Effects on Farm Incomes of Rel Wage Increase, Australian Jour of Agr Econ 1974.
Lang: Fr 2-3-2, Hindi 3-3-3.
Mbr: AEA; IAES; AAES, Pres NSW Branch 1973-74.
Hon: Phi Kappa Phi; Gamma Sigma Delta.

RYAN, Mary E., Dept of Agr & Applied Econ Univ of Minnesota, St Paul MN 55108; PH 612-376-3560.
Asst Professor, Univ of MN (03) 07.
b. 1928 Minnesota; U.
BS 1951 College of St Catherine; MS 1968 Univ of MN.
Fields: 016, 017, 112, 051.
Pub: American Farm Policy 1948-73, Univ of MN Press 1976; Soybeans and Their Products, Univ of MN Press 1972.
Lang: Ger 3-3-3, Fr 3-3-3.

RYAN, Timothy J., Dept of Agr & Applied Econ, Univ of Minnesota, St Paul MN 55108; PH 612-376-3433.
Res Asst, Univ of MN (03) 23, 07.
b. 1948 Australia; Citz: Australia; M-1.
BS 1970, MS 1972, Melbourne Univ.
Fields: 016, 112, 062.
Prev Emp: Agr Econ Officer, Vic Dept of Agr, Australia 1972-75.
Pub: A Beef Feedlot Simulation Model, AJAE 1974; An Empirical Investigation of the Harvest Operation Using Systems Simulation, Australian Jour of Agr Economics 1973.
Lang: Indonesia 2-2-3.
Mbr: AAES.
Hon: 1974 Prize Essay Award, Agr Econ Society, U.K.

SAATHOFF, Carl R., 1014 Vine Street, Cincinnati OH 45202; PH 513-381-8000.
Mgr Econ Res, The Kroger Co (51) 15, 19, 22.
b. 1937; M-3.
BS 1966, MS 1969, PhD 1972 Purdue Univ.
Fields: 016, 014, 081, 093.
Pub: An Analysis of Factors Affecting Cooperative Bargaining in the Processing Tomato Industry, Purdue Univ 1968; An Analysis of Member Returns from Cooperative Marketing Pools, Purdue Univ 1972; Software for Farm Mgmt Extension, AJAE, Feb 1970.
Lang: Fr 0-2-0.
Hon: Sigma Xi.

SABIHI, Massoud, 306 Weaver Bldg, PA St Univ, University Park PA 16802; PH 814-865-2652.
Grad Student, PA St Univ (03) 23.
b. 1951; Citz: Iran; U.
BS 1974 Pahlavi Univ.
Fields: 020.
Prev Emp: Grad Student, PA St Univ.
Lang: Persian; Other: Eng 1-1-2.

SACKEY, Nicholase, Dept of Rural Econ, Univ of Alberta, Edmonton, Alberta, Canada T6G2C5; PH 403-432-4714.
Grad Student, Univ of Alberta (03) 23.
b.1946; Citz: Ghana; U.
BS 1972 Univ of Sci & Tech, Kumasi, Ghana.
Fields: 014, 081, 013, 017.
Prev Emp: Proj/ Loan Officer, Agr Devl Bank, Bozgatanga, Ghana 1972-73.
Lang: Fante; Other: Eng 1-1-1.
Mbr: IAAE; Assoc for the Advancement of Agr Sci in Africa.

SADR, Kazem, Dept of Agr Econ, 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-6731.
Res Assoc, OH St Univ (03) 07.
b. 1947; Citz: Iran; M.
BS 1969, MS 1972 Am Univ of Beirut.
Fields: 022, 073, 021, 084.
Prev Emp: Res Asst, OH St Univ, 1972 to date; Res Asst, Am Univ of Beirut, Beirut, Lebanon 1970-72.
Pub: Land Tenure & Agricultural Development in Lebanon, Land Reform Land Settlement Coop 1973.
Lang: Persian; Other: Eng 1-1-1, Arabic 2-3-3.
Mbr: AEA; Assn Intern Agr Econ.

SAHI, Ram K., Sir John Carling Bldg, Ottawa, Ontario, Canada K1A 0C5; PH 613-994-9507.
Res Econ, Agr Canada (78) 07, 15, 18.
b. 1943; Citz: India; M-2.
BS 1960 Groakhpur, India; MS 1962 Agra India; MS 1968 Manitoba, Canada; PhD 1972, Manitoba, Canada.
Fields: 081, 082, 011, 070.
Prev Emp: Res Asst, Univ of Manitoba 1966-71; Asst Prof, RBS College, Agra, India 1963-66; Lecturer, UN College, India, 1962-63.
Pub: Estimation of Flexibility Coefficients for R.P. Models, AJAE 1974; Estimating Prairie Crop Acreages, CJAE 1975; Quadratic Programming & Econometric Models for Dairy Industry, CJAE 1974.
Lang: Fr 2-2-2, Urdu 3-3-1.
Mbr: CAES, Book Rev Editor, Intl Assoc of Agr Econ.

SAHOTA, Jaginder S., PO Box 1356, Station "B", Ottawa, Ontario, Canada.

SAIDANE, Ezzedine, Direction Du Plan, Ministere de L'Agriculture, 10 Ave Jean Jaures, Tunis, Tunisia, Africa.
Principal Engineer, Govt of Tunisia.
b. 1950; Citz: Tunisia; M.
BS 1971 Univ of Tunis; MS 1974 Univ of MN.
Fields: 016, 014, 080, 076.
Lang: Arabic; Other: Fr 3-3-3, Eng 3-3-3.

SAKIURA, Seiji, Kita 9, Nishi 9, Kita-Ku, Sapporo, Japan 060; PH 011-711-2111.
Professor, Hokkaido Univ (03) 07, 08.
b. 1920 Japan; Citz: Japan; M-4.
PhD 1961 Hokkaido Univ.
Fields: 071, 105, 081.
Pub: Factors Affecting of Improved Rice Varieties in Japan, Jour of Rural Econ 1974.
Lang: Eng 1-2-2, Ger 2-3-3.
Mbr: Agr Econ Soc of Japan.

SALATHE, Larry E., Dept of Agr Econ, Univ of Wisconsin, Madison WI 53706; PH 608-262-3653.
Res Assoc, Dept of Agr Econ, Univ of WI (03) 07.
b. 1949; M.
BS 1971 Univ of WI-Platteville; MS 1972 Univ of WI-Madison; PhD 1974 Univ of WI-Madison.
Fields: 011, 012, 016, 081.
Prev Emp: Res Asst, Univ of WI, Madison 1971-74; Res Assoc, Univ of WI, Madison 1974 to date.
Pub: An Econometric Simulation Model of Wisconsin's Dairy Industry, PhD Dissertation 1974.

SALAZAR , Rafael E., Parqueguamachito Calabozo Edo GuaricoCalabozo Edo Calabozo Venezuela; PH 046-72557.
Asistant, Instituto Universitario De Tecnologia De Los Llanos (03) 08, 07, 02.
b. 1943 Venezuela; Citz: Venezuela; U.
Agron Eng 1969 Univ of Costa Rica; MS 1974 CA Poly Univ.

Fields: 014, 012, 080.
Prev Emp: Agr Eng, Mins of Agr, Caracas, Venezuela 1970-74; Agr Eng, Agr Mktg Coop, Caracas, Venezuela 1974-75; Asst VI, Inst Univ de Tech (IUT) Calabozo, Venezuela 1975 to date.
Lang: Spanish; Other: Ita 2-0-0, Por 2-0-0.
Mbr: Prof Assn of IUT; Latin Am Student Assn at UC-Davis--Founder Member.

SALEH, Abdullah A., Room 5081 South Bldg, Foreign Agr Service, USDA Washington DC 20250; PH 202-447-5871.
Agr Econ, USDA (18) 07, 19, 15.
b. 1940 Palestine; Citz: USA; M-2.
BS 1964 W. Pakistan Agr Univ; MS 1970 Univ of MO; PhD 1974 Purdue Univ.
Fields: 081, 016, 017, 075.
Prev Emp: Res Asst, Purdue Univ 1970-74; Res Asst, Univ of MO 1969-70; Food Chemist & Microbiologist, Universal Oil Products, Chicago IL 1968-69.
Pub: Disincentives to Agr Production in Developing Countries, Foreign Agr 1975; Household Solid Waste Assoc With Food Cons Activities, SJAE 1975; Disincentives to Agriculture, World Agriculture 1975.
Lang: Arabic; Other: Eng 1-1-1, Urdu 3-3-2.
Mbr: AEA.
Hon: Gamma Sigma Delta; Sigma Xi; Winner of 2 medals for Outstanding Undergrad Record; HEW Fellowship Purdue Univ.

SALKIN, Michael S., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-322-6211.
Asst Professor, OK St Univ (03) 07, 08, 09.
b. 1946; M.
BS 1968, MS 1970, PhD 1973 Univ of CA.
Fields: 032, 047, 036, 111.
Pub: Population Predictions for the Western..., Jour Regional Sci 1975; Projection of Cotton Warehouse Facilities, SJAE 1975; Prediction of the Distribution of Future..., Growth & Change 1975.
Mbr: SAE; WAE.
Hon: NDEA Fellowship 1968-72.

SAM, Henry K.A., Agr Devl Bank, PO Box 3841, Kumasi, Ghana, West Africa.

SAMMET, Loy L., Dept of Agr Econ, Rm 207 Giannini Hall, Univ of CA-Berkeley, CA 94720; PH 414-642-3235.
Professor, Univ of CA, Berkeley (03) 02, 07, 08.
b. 1908; M.
BS 1929, MS 1933 OH St Univ; PhD 1958 UCA.
Fields: 014, 015, 153.
Prev Emp: Prof, Univ of CA, Berkeley, 1949 to date; Assoc Prof, Purdue Univ 1946-49; Commander, U.S. Naval Reserve.
Pub: Economic-Engineering Studies of Processing Plant Efficiency, Hilgardia Univ of CA 1956; Efficiency in Spatial Organization of Agric Processing Facilities, Giannini Monograph, Univ of CA 1976.
Lang: Fr 3-3-3.
Mbr: AAAE; AAAS; WAEA.
Hon: Tau Beta Pi; Sigma Xi; Superior Serv Award, USDA.

SAMPAIO, Yony De Sa B., Curso Mestrado Economia, Univ Fed Pernambuco, Recife, PE 50000 Brazil; PH 27-0351.
Assoc Professor, Univ Fed de Pernambuco (03) 08, 07, 02.
b. 1947; Citz: Brazil; U.
MS 1972, MA 1973, PhD 1974 Univ of CA.
Fields: 081, 042, 076, 084.
Pub: An Analysis of the Market for Dry Edible Beans in Northeast Brazil, PhD Dissertation 1974; Abastecimento Alimentar No Nordeste Urbano, Book, Vol 5, 1975.
Lang: Eng 1-1-1, Fr 1-1-1.
Mbr: IES; AEA; ASA.

SAMPER, Rafael O., Asuncion (c), AID, Washington DC 20523.
Agr Econ Spec, NM St Univ (03) 07, 18, 22.
b. 1945; M-2.
BS 1967 St Francis College; MS 1969 Purdue Univ; PhD 1976 Univ of FL.
Fields: 030, 073, 121.
Prev Emp: Consultant, Natl Planning Assn, Washington DC 1975.
Pub: The Social Production Function in Policy Analysis: A Case Study of Drinking Water Quality Programs, Staff Paper Series, FRE Dept, Univ of FL 1975.
Lang: Sp 1-1-1.

SAMSON, Glenn R., Am Embassy (FAS), APO San Francisco CA 96528.
Agr Attache, USDA (18) 06.
b. 1927; M.
BA 1957, MS 1958 Univ of NE.
Fields: 011, 014.
Prev Emp: Br Chief, FDCD-ERS-USDA, Wash. DC 1968-74; Asst Agr Attache, FAS-USDA, Belgium 1966-68.
Lang: Fr 2-2-2.

SANCHEZ, Bartolome, Faculty of Agronomy Veterinary Science, PO Box 1061, Asuncion, Paraguay.

SANDER, William H. III, Cornell Univ, 2 Warren Hall, Ithaca NY 14853; PH 607-256-6550.
Student, Dept of Agr Econ, Cornell Univ (03) 07.
b. 1949; U.
MRP 1975 Cornell Univ; AB 1971 IL.
Fields: 020, 030, 070.

SANDERS, Bernard L., Farmland Industries Inc, PO Box 7305, Kansas City MO 64116; PH 816-459-6207.
Exec Dir, Econ & Mkt Res (52) 05, 15, 07.
b. 1941 Iowa; M-5.
BS 1963, MS 1964, PhD 1967 IA St Univ.
Fields: 014, 081, 090.
Prev Emp: Asst Prof, OK St U., 1967-68; Res Assoc, IA St U; Ford Found, Mexico City 1966-67; Instr, IA St U. 1964-65.
Lang: Sp 1-2-2.
Mbr: AEA, Dir-KC Chpt 1969-71; AMA, Dir KC Chpt 1969-71.

SANDERS, John H. Jr., Caixa Postal 354, Depto de Economia Agr UFC, Fortaleza Ceara Brazil 60.000.
Vstg Prof, Ford Foundation (03) 08, 07.
b. 1941; M-2.
AB 1963 Dartmouth; MS 1967 Univ of KY; PhD 1973 Univ of MN.
Fields: 105, 081, 011.
Prev Emp: Var. Tem. Consulting Jobs.
Pub: Agr Development on the Brazilian Frontier, Econ Devl & Cult, April 1976; Agr Mech & Employment in Brazilian Agr, PhD Diss. Dec 1973; Labor Mobility & The Depressed Area, Jour of Hum Res 1969.
Lang: Por 1-1-1, Sp 1-2-2.
Mbr: AEA.

SANDERS, Parker D., PO Box 217, Redwood Falls MN 56283; PH 507-637-2000.
Owner, The Sanders Farms (75) 20, 21.
b. 1894; W.
BS 1918 Univ of MN.
Fields: 012.
Mbr: AAAS; AFM&RA; ASA; AAE.
Hon: Who's Who in the Midwest; Alumni Serv Award, Univ of MN; Trustee Emeritus, Univ of MN Foundation.

SANDERS, Steve, 270 W 50 Terrace, Shawnee Mission KS 66205.

SANDOR, Richard L., 141 W Jackson Blvd, Chicago IL 60604; PH 312-786-0800.
VP, Conticommodity Service (50).
b. 1941; M-2.
BA 1962 Brooklyn College; PhD 1967 U of MN.
Fields: 090, 100, 014.
Prev Emp: VP & Chf Econ, Chicago Bd of Tr, Chicago 1972-76; Asst Proof, Schools of BA, Univ of CA Berkeley 1966-72.
Pub: The Determinants of Mortgage Interest Premiums: A Case Study of the Portfolio of an S&L Assn, Jour of Business; An Inquiry Into the Feasibility of a Futures Contract in Reinsurance, Jour of Bus. Finance 1973; Innovation by an Exchange: A Case Study of the Devl of the Plywood Futures Contract, Jour of Law & Econ 1973.
Lang: Sp 2-0-0, Fr 2-0-0.
Mbr: AEA; AFA.
Hon: Am Men & Wom of Sci; Natl Sci Found Doc Diss Exp Award, Univ of CA, Cert of Excellence in Economics.

SANDRETTO, Carmen L., ERS-NRED-USDA, 500 12th Street SW, Rm 408, Washington DC 20250; PH 202-447-9180.
Agr Econ, Natural Res Econ Div (16) 07.
b. 1938; U.
BS 1960 MI St U; MS 1962 U of WI; AM 1971 Harvard Univ.
Fields: 021, 060, 070, 080.
Prev Emp: Agr Econ, ERS-NRED-USDA 1966-71; Part Time Instr, Univ of NH, 1965-66; Agr Econ, ERS-NRED-USDA, NH, 1964-66.
Pub: Resource Adjustments, Income Growth and Tenure: Their Interaction on Farms in Two Wisconsin Dairy Areas 1950-1960, Univ of WI 1963.
Mbr: AEA; ACLA.
Hon: Alpha Zeta; Phi Kappa Phi.

SANDS, Fenton B., AID, APO NY 09662.
IDI-Agr Econ, AID (24) 22, 18.
b. 1948; M.
BS 1970 Conrell Univ; MS 1972 MI St U.
Fields: 118, 073.
Prev Emp: Agr Econ, ERS-USDA 1972-75; Grad Asst, MI St Univ 1970-72.
Pub: Documentation of the Food & Lvstock System, An L.P. Model, ERS-USDA 1976; Mktg Bill (in Mktg & Transportation Situation) ERS-USDA 1973.
Lang: Fr 1-1-1.

SANDS, Michael B., Dept of Agr Econ, Purdue U., W Lafayette IN 47906; PH 317-493-2414.
Asst Prof, Purdue Univ (03) 09, 07, 08.
b. 1948; M-1.
BS 1970 Univ of WI; MS 1972 U of IL; PhD 1976 U of IL.
Fields: 014, 015, 018, 101.
Prev Emp: Res Asst, U of IL, Urbana 1970-74.
Pub: An Eval of Agr Pol to Control Sedimentation, U of IL 1975; Impact of Emerging Trends-Hog Pork Mktg & Distribution, U of IL 1975.
Mbr: AEA; Hon: GSD; Sigma Xi.

SANINT, Luis R., Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-5946.
Teaching Asst, TX A&M Univ (03) 08.
b. 1951; M.
BS 1974 Univ de los Andes, Bogota.
Fields: 011, 012.
Lang: Spanish; Other: Eng 3-3-3.

SANT, Paul T., Upper Colorado Region, Salt Lake City UT 84111; PH 801-524-5522.
Chf Econ & Land Res, Bur. Reclamation, USDI (13) 06, 18, 19.
b. 1910; M-2.

BS 1933 UT St Univ; MS 1938 Univ of TN.
Fields: 021, 035, 070, 012.
Prev Emp: Chief Econ & Land Res, Bureau of Recl, Salt Lake City 1946-76; Lt Col-OMGUS, U.S. Army, Germany 1945-46; Agr Econ, Bur of Agr Econ, Knoxville TN 1938-41.
Mbr: WAEA.
Hon: Meritorious Serv Award, US Dept of Interior.

SAPPINGTON, Charles, Univ of Tennessee, Morgan Hall, Knoxville TN 39616; PH 615-974-7231.
Assoc Professor, Univ of TN (03) 07, 08.
b. 1924; M-2.
BS 1948 Cornell Univ; MS 1965, PhD 1967 Univ of IL.
Fields: 014, 081.

SARGENT, Charles A., Dept of Agr Econ, Krannert Bldg, Purdue Univ, W. Lafayette IN 47906; PH 317-493-2189.
Assoc Prof, Purdue Univ (03) 09, 07, 08.
b. 1928; M-4.
BS 1951 River Falls St Univ; MS 1960, PhD 1961 Univ of WI.
Fields: 038, 031, 035, 032.
Prev Emp: County Agent Univ of WI, Prairie du Chien WI 1956-59; Veterans Farm Trainer, High School, Augusta WI 1953-56; Agr Teacher, High School, Maiden Rock WI 1951-53.
Pub: Urbanization of a Rural County, Purdue Univ Res Bull #859, 1970; Part-Time Farming, Purdue Univ Res Bull #570, 1964; Emergency Medical Services in Indiana, Purdue Univ Sta Bull #54, 1974.
Mbr: IPA, President 1972-73; ASPO; CDS.

SARGENT, Robert L., Agr Sci Bldg, Univ of Idaho, Moscow ID 83843; PH 208-885-6335.
Ext Professor, Univ of ID (03) 09, 07, 15.
b. 1925; M-5.
BS 1950, MS 1964, PhD 1965 MT St Univ.
Fields: 014, 018, 017, 013.
Prev Emp: Assoc Prof, Univ of ID, Moscow, 1967-69; Bus & Res Econ, Fed Reserve Bank, Richmond VA 1965-67; Co Supr FHA USDA, Montana 1956-62.
Pub: Potato Marketing-Processor Contracts, Univ of ID 1974; Certified Potato Seed Production in Idaho, Univ of ID 1973; Inflation, Stagflation or Recession, Univ of ID 1974.
Lang: Sp 3-3-3.
Mbr: WAEA; AAUP.
Hon: Who's Who in Am; Am Men & Women of Science; Alpha Zeta; Gamma Sigma Delta.

SARHAN, Mohamed E., Winrock Intl Livestock Res Training Center, Route 3, Petit Jean Mtn, Morrilton AR 72110; PH 501-727-5435.
Agr Econ, Winrock Intl Center (70) 07, 15, 19.
b. 1946; U.
BS 1968 Univ of Alexandria, Egypt; MS 1973, MA 1974, PhD 1976 Univ of CA, Davis.
Fields: 011, 063, 073.
Prev Emp: Post Grad Res Agr Econ, Univ of CA, Davis; Res Asst, Univ of CA, Davis.
Pub: An Economic Analysis of Mosquito Abatement in California & the Chemical Industry Investment in Narrow-Spect Pesticides, Univ of CA, Davis, Dissertation 1976.
Lang: Arabic; Other: Eng 1-1-1.
Mbr: AEA.

SARICA, Saadet, Tarim Bakanligi, Planlama Arastirmave Koordinasyon Genel MD Necatibey Cad #98/6, Ankara, Turkey.

SARIGEDIK, A. U., Planning Res & Coordination, Gen Directorate, Milli, Mudafa Caddes; Ankara, Turkey.
Chief of the Econ Res, Mins of Food & Agr (67) 07, 15, 18.
b. 1943; Turkey; Citz: Turkey; U.
BS 1964 Univ of Ankara; MS 1972, PhD 1975 OK St Univ.
Fields: 077, 047, 073, 075.
Prev Emp: Grad Res Asst, OK St Univ; Agr Econ, Mins of Agr, Ankara, Turkey.
Pub: A Simulation Model for Analyzing Alternative Changes of the Oklahoma Economy & Projecting Economic Variables from 1967 to 1985, OK St Univ 1975.
Lang: Turkish; Other: Eng 1-1-1.

SARKAR, Shyamal, Dept of Economics, 2250 Pierce Road, Univ Center, Saginaw MI 48710; PH 517-799-3536.
Chrmn & Assoc Professor, Saginaw Valley St College (03) 08, 07, 02.
b.1941 India; Citz: USA; M-2.
ISc 1958, Bihar Univ, India; BS 1961, MS 1965 Ranchi Univ, India; PhD 1969 MI St Univ.
Fields: 042, 073, 011, 081.
Prev Emp: Vstg Assoc Prof, School of Public Health, Univ of MI, Ann Arbor 1976; Spec. Health Econ, MI St Univ, E. Lansing 1970-74; Asst Prof of Econ, Saginaw Valley St College, Saginaw MI , 1960-73.

Pub: The Copper Country Medical Industry as it Serves Rural People, PhD Thesis, Agr Exp Sta, MI St Univ 1969; Some Economic Aspects of Lake County Health Industry, Agr Exp Sta, MI St Univ 1975
Lang: Bingali 1-1-1, Hindi 1-1-1.
Mbr: WEA, EEA, SEA.
Hon: Gold Medal for Top Position in MSc.

SARMIENTO, Ruben O., Chihuahua Y Mayo No 600, Ciudad, Obregon, South Mexico; PH 3-6033.
VP Finance, Bachosco SA (50) 05, 17.
b. 1940 Mexico; Citz: Mexico; M-4.
CPA 1964 Monterrey Inst of Tech.
Fields: 094.
Prev Emp: Gen Mgr, Cremeria Del Yoqui, CD Obregon, Mexico 1974; Gen Mgr, Camara de Comercio, CD Obregon, Mexico, 1970; Controller, Cicloamidas Mexico DF 1965.
Lang: Spanish; Other: Eng 1-1-1.
Mbr: MA-Planning Exec Inst, Instituto Mexicano de Contadores Publicos

SARROS, Panayiotis, 2 A Charnor Street, Athens, Greece.
Agr Econ, Mins of Agr (40) 23.
b. 1938 Greece; Citz: Greece; M-1.
BS 1964 Athens Grad Sch of Agr j Dip Stat 1967 Pil Grad Sch of Bus Studies.
Fields: 081, 017, 115.
Lang: Greek; Other: Eng 1-1-2.
Mbr: Geotechnikon Epimeliterion of Greece.

SAUPE, William E., 340 Agr Hall, Univ of Wisconsin, Madison WI 53706; PH 608-262-3653.
Professor, Dept of Agr Econ, Univ of WI (03) 09, 07, 08.
b. 1928; M-3.
BS 1951, MS 1961, PhD 1965 IA St Univ.
Fields: 043, 044, 012, 010.
Prev Emp: Asst Prof, IA St Univ 1964-65; Instr, Res Asst, IA St Univ 1961-64; Farm Trainer, Sheldon Community Schools Sheldon IA 1956-61.
Pub: Rural Family Income in Wisconsin, Univ of WI 1974; Economia da Producao Agraria, Brazil, Federal Univ 1972; Mgmt of Farms With Forest Resources, Univ of WI 1972.
Lang: Por 1-2-1, Sp 2-3-3.
Mbr: WSF-St Sec 1966-68; Mgrs & RS.
Hon: Phi Kappa Phi; Grad Student Award 1964; Gamma Sigma Delta; Epsilon Sigma Phi.

SAVILLE, Roscoe J., 3120 N Peary Street, Arlington VA 22207.
(76) 26.
b. 1899; M-1.
BS 1922 Univ of MO; MS 1926 NC St Univ; PhD 1932 Cornell Univ.
Fields: 014, 012, 017.
Prev Emp: Agr Econ, USDA, Washington DC 1956-69; Prof & Head, MS St Univ, 1947-56; Prof & Head, LA St Univ, Baton Rouge 1929-42.
Mbr: SAEA; IAAE.
Hon: Sigma Xi; Phi Kappa Phi.

SAWADA, Shujiro, 11 Nanakuma, Nishi-Ku Fukuoka-Shi Japan 814; PH 092-871-6631.
Professor, Fukuoka Univ (03) 08, 02.
b. 1909 Japan; Citz: Japan; M-4.
Doc of Agr 1961, Tokyo Univ.
Fields: 011, 014, 071, 081.
Prev Emp: Prof, Kyoshu Univ, Fukuoka, Japan 1950-73; Vistg Fellow, Cornell Univ, Ithaca NY 1962-63; Sr Spec, East-West Center, Honolulu HI 1968-69.
Pub: Technological Change in Japanese Agriculture, Japan 1969; On Some Aspects of Food Marketing in Japan, 1969; Technological Stages in Agricultural Development, Oxford Univ 1975.
Lang: Japanese; Other: Eng 1-1-1, Ger 1-2-3.
Mbr: AES of Japan; JATE; IAAE.

SAYGIDEGER, Orhan, Dept of Soc Planning, State Planning Org, Gakanlikar, Ankara, Turkey.

SAYLOR, Ralph G., 320 East 43rd Street, New York NY 10017; PH 573-5000.
Proj Spec, Ford Foundation (72) 07, 22.
b. 1940; M-3.
BA 1962 Kalamazoo College; PhD 1966 Duke Univ.
Fields: 011, 062, 016.
Prev Emp: Dir, Econ Res Bureau, Tanzania 1970; Asst Prof, MI St Univ, Nigeria 1967; Economist, Fed Resv Bank, Dallas 1966.
Pub: Economic System of Sierra Leone, Duke Univ Press 1968; Alternative Measures Supply Elasticity, AJAE 1974; Prego Qualidadee a Procure de Cafe. Agricultura em Sao Paulo 1974.
Lang: Por 1-2-1, Ger 2-3-2.
Hon: Dir Am Scholar; Am Men & Wom of Sci; PBK. Mbr: AEA; SEA; WEA.

SAYOSO, Bureau of Planning, Dept of Agr, J l Imam Bonjoi 29, Jakarta, Indonesia.

SAYRE, Charles R., 210-214 W. Market Street, Greenwood MS 38930.

SAYRE, William B., 231 South LaSalle, Chicago IL 60693; PH 312-828-3980.
VP, Continental Bank (51) 10, 20, 15.
b. 1924; M-4.
BS 1948 IA St Univ.
Fields: 094, 012, 159, 018.
Prev Emp: Pres Sayre Agr Serv, Indianola IA 1948-64.
Pub: Factor Effecting Land Values, Chicago Farming Mag 1974; Farm Land Value Trends, Agr Finance 1975; Character Requirements for Employment in Agriculture, Agr Sickle & Sheaf 1975.
Mbr: IL Soc of FM, President 1973-74; Am Soc of FM, Ch Legislative Comm 1965.
Hon: IA Pork Prod, Dir & VP 1954-64.

SAYRE, William R., 230 South LaSalle Street, Chicago IL 60604; PH 312-322-5784.
Economist, Fed Resv Bank of Chicago (33) 07, 08, 20.
b. 1950; M.
BA 1973 Northwestern Univ.
Fields: 130, 101, 121, 141.
Prev Emp: Instr, Elmhurst College, IL, 1973-76; Consultant, Sayre Agr Serv, Wilmette IL 1972-75.
Pub: The Political Economy of Municipal Composting, Evanston IL 1972; The Nature and Necessity of Pollutions, Evanston IL 1973; Modeling Refuse Management Systems, Evanston IL 1973.
Mbr: AEA; Chicago Assn of Bus Econ.
Hon: Phi Eta Sigma; IL St Scholar.

SCANDIZZO, Pasquale L., 1818 H Street, Washington DC 20433; PH 402-477-5618.
Economist, World Bank (66) 07.
b. 1942 Italy; Citz: Italy; M-2.
Laurea 1965 Univ of Napoli; MS 1970, PhD 1972 Univ of CA, Berkeley.
Fields: 082, 081, 105, 111.
Prev Emp: Res Fellow, Dept of Agr, Univ of CA, Berkeley 1969-72; Res Fellow, Inst of Agr Econ, Univ of Naples 1967-69.
Pub: International Capital Movement & Economic Growth, PhD Dissertation, Univ of CA, Berkeley 1972; Competitive Demand Structures in L.P. Models, AJAE 1974; Market Intervention Policies When Production is Risky, AJAE 1975.
Lang: Italian; Other: Eng 1-1-1, Por 1-1-1.
Mbr: RES.

SCHAEFFER, Henry H., Route 1 Box 110, Newell IA 50568.

SCHAFFER, William H., Agr Center, RD 1, Leesport PA 19533; PH 215-378-1327.
Comm Devl Agent, PA St Univ (02) 09, 18, 22.
b. 1928 Kentucky; M-2.
BS 1950 PA St Univ; MS 1960, PhD 1974 Cornell Univ.
Fields: 031, 011, 026, 038.
Prev Emp: Assoc County Agt, PA St Univ 1956-71; SP4, US Army 1954-56; Asst County Agt, PA St Univ 1950-54.
Pub: Economic & Environmental Aspects of Daily & Annual Manure Spreading Systems, Proceedings, 3rd Intl Livestock Waste Symposium 1975; An Econ Analysis of Policies to Control Nutrient & Soil Losses, Proceedings, 6th Natl Agr Waste Conf 1974; An Economic Analysis of Nitrogen, Phosphorus & Soil Loss From Agricultural Production in a Small NY Watershed, PhD Dissertation, Cornell Univ 1974.
Lang: Rus 3-3-0.
Mbr: CDS; NAEC; AEA.
Hon: Search for Excellence 1975; Natl Assn County Agr Agents; Phi Kappa Phi; Gamma Sigma Delta.

SCHAFFNER, Leroy W., Dept of Agr Econ, North Dakota St Univ, Fargo ND 58102; PH 701-237-7441.
Assoc Prof, ND St Univ (03) 07.
b. 1920 North Dakota; M-2.
BS 1944 ND St Univ; MS 1946 IA St Univ.
Fields: 012, 013, 021, 011.
Prev Emp: Industrial Econ, TVA, Knoxvill TN 1945-47.
Pub: Irrigation and its Effect on the Community, ND St Univ 1975; Crop Costs ND St Univ 1974; Estimated Economic Effects of Added Growing Season Rainfall in North Dakota, Coop Ext Serv, Fargo ND 1974.
Mbr: WAEA; ND-SFM&RA, Treas 1965 to date NFMA.

SCHALLER, William N., 1211 West 22nd St, Oak Brook IL 60521; PH 312-427-0170.
Assoc Managing Director, Farm Foundation (71) 04.
b. 1929 Connecticut; M-2.
AB 1951 Princeton Univ; PhD 1962 Univ of CA, Berkeley.
Fields: 017, 031, 118, 155.
Prev Emp: Asst Dep Adm for Intl Devl, FAS-USDA, Washington DC 1968-69; Leader, Prod & Resource Response GP-FPED-ERS-USDA, Washington DC 1961-68.
Pub: Predicting Regional Crop Production USDA Tech Bull. 1965; A National Model of Agricultural Production Response, Agr Econ Research 1968; Community Development in the 1970's, AJAE 1972.
Mbr: IAAE; RSS; CDS, Board Member 1973-75.

SCHAMPER, John W., Dept of Agr & Appl Econ, 337 COB, Univ of MN, St Paul MN 55108.

SCHARLACH, Wes, Apt 4A Sherwood Lake Apartments, 930 Sherwood Lake Drive, Shereville IN 46375.

SCHEFTER, John E., Dept of Agr & Res Economics, OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Grad Res Asst, OR St Univ (03) 23.
b. 1943 North Dakota; M.
BS 1965, MS 1968 ND St Univ, PhD 1976 OR St Univ.
Fields: 026, 034, 022, 038.
Prev Emp: Grad Res Asst, ND St Univ, 1965-68, Lt. US Navy 1968-71.
Pub: Withdrawal & Consumption of Water in North Dakota, MS Thesis, 1968; Historical Policy of U.S. Toward Monopoly, ND Law Rev 1966; Income Distribution Patterns in OR, OR St Univ 1974
Mbr: AEA; WAEA.

SCHELLENBERG, Herbert D., 1301 Ellice Avenue, Water Res Br, Mines, Res & Env Mgmt, Winnipeg, Manitoba, Canada R3G 0G1; PH 204-774-2511.
Res Econ, Water Resources, Province of Manitoba (40) 18, 19, 06.
b. 1944 Canada; Citz: Canada; M-3.
BS 1968, MS 1969 Univ of Manitoba; PhD 1973 IA St Univ.
Fields: 021, 026, 038, 035.
Pub: A Preliminary Economic Analysis of Outdoor Recreation in the Souris River Basin, Univ of Manitoba 1969; Identification, Measurement and Incorporation of Environmental Quality Objectives in Natural Resource Development, IA St Univ 1973.

SCHERMERHORN, Richard W., Dept of Agr Econ, Univ of Idaho, Moscow ID 83843; PH 208-885-6262.
Prof & Head, Univ of ID (03) 02, 09, 08.
b. 1931 New York; M-2.
AAS 1952 NY St College; BS 1958, MS 1959 Univ of GA; PhD 1962 OR St Univ
Fields: 014, 093, 025, 019.
Prev Emp: Prof, OK St Univ 1966-71; Assoc Prof, Univ of MD 1962-66; Res Asst, OR St Univ 1959-62.
Pub: Impact of Changing Market Structure of Pacific Northwest Canned Fruit & Vegetable Industry, OR St Univ 1962; Financial Statement Analysis for Agribusiness Firms, OK St Univ 1970; Plan of Study-Boise Post Audit Study, Univ of ID 1975.
Lang: Sp 2-0-0.
Mbr: WAEA.
Hon: Who's Who in Am; Am Men & Women of Science; Outstanding Educ of Am 1974-75; AAEA Outstanding Ext Econ Award 1966.

SCHERR, Bruce A., 29 Hartwell Avenue, Lexington MA 02173; PH 617-861-0165.
Sr Econ, Data Resources Inc (51) 15, 07.
b. 1948 New Jersey; M-2.
BS 1970 Rutgers Univ; MS 1972, PhD 1974 Purdue Univ.
Fields: 075, 081.
Pub: Pricing Public Good-An Experimental Study, Public Choice 1975; Impact of Varying Cost Share Rules on Watershed Development, Land Economics 1974.
Lang: Fr 3-3-3.
Hon: Natl Student Registry; Sigma Xi; Gamma Sigma Delta.

SCHERTZ, Lyle P., 701 South Greenbriar Street, Arlington VA 22204.

SCHICKELE, Rainer W., 1133 Grizzly Peak, Berkeley CA 94708; PH 415-841-3950.
Cons., Self Employed (75) 07, 18, 27.
b. 1905 W. Germany; M-2.
PhD 1931 Univ of Berlin, Germany.
Fields: 017, 022, 073, 076.
Prev Emp: Vstg Prof, MI St Univ 1971-72; Assoc, ADC, Sri Lanka 1967-70; Dir, FAO Land & Water Devl Div, Rome, Italy 1954-65.
Pub: Agricultural Policy, McGraw-Hill, New York 1954; Agr Revolution & Econ Progress, F.A. Praeger, New York 1968.
Lang: German; Other: Eng 1-1-1.
Mbr: AEA; SID.
Hon: Fellow AAEA; Post-Doctoral Soc Sci Co Fellow, Harvard Univ; Res Fellow, The Brookings Inst 1933-34.

SCHIRBER, Martin E., St Johns Univ, Collegeville MN 56321; PH 612-363-3541.
Prof of Econ, St Johns Univ (03) 08, 02.
b. 1907 South Dakota; U.
MA 1937 Catholic Univ; PhD 1940 Harvard Univ.
Fields: 063, 111.
Pub: Farmers at the Crossroads, Am Benedictine Review 1971; The Migrant Worker, Am Benedictine Review 1970; Cooperatives & Credit Unions, The New Catholic Encyclopedia 1966.
Lang: Fr 3-0-0, Ger 3-0-0.
Mbr: AEA; CEA; ABA Pres 1956-62.
Hon: Who's Who in America.

SCHLECHTY, David L., 14th & Constitution Avenue NW, Washington DC 20230; PH 202-967-4581.
Sp Asst for Multilateral Affairs, US Dept of Commerce (11) 18.
b. 1941 Ohio; M-2.
BS 1963 Wilmington College; MS 1965 Univ of AZ.
Fields: 111, 112, 073, 017.
Prev Emp: Dep Dir Trade Neg, US Dept of Commerce, Washington DC 1972-75; Spec Asst to Coord, AID, Washington DC 1969-72; Agr Econ, FAS-USDA, Washington DC 1964-69.
Pub: Rationalizing World Agricultural Trade, Jour of World Trade Law 1970; Technology & Neo-Mercantilism in International Agr Trade, AJAE 1969.
Mbr: IAAE; NEC.
Hon: Delta Tau Alpha.

SCHLENDER, John R., Economics Dept, KS St Univ, Manhattan KS 66506; PH 913-532-5823.
Assoc Prof, KS St Univ (03) 09.
b. 1927 Kansas; M-9.
BS 1951 KS St Univ; MS 1960 OR St Univ; PhD 1969 Purdue Univ.
Fields: 012, 013, 011, 096.
Prev Emp: Area Ext Econ & Asst Prof, KS St Univ 1961-66; Co Agr Agt, St Francis and Salina KS 1951-60.
Pub: An Information System for Financial Management of the Farm Business, KS St Univ 1970.
Mbr: KS-FM&RA, Sec Treas 1970 to date.
Hon: Phi Kappa Phi; Gamma Sigma Delta.

SCHLOTTFELDT, Carlos B., 1810 K2HI Street, Honolulu HI 96821.

SCHLUNTZ, Larry J., 18th & "C" Streets, NW, Washington DC 22303; PH 202-343-3148.
Econ, US Dept of Interior (13) 06, 19.
b. 1942 California; U.
BS 1964, MS 1966 Univ of NE.
Fields: 021, 033.
Prev Emp: Econ, Dept of Interior, Washington DC 1975; Econ, ERS-NRED, Washington DC 1966-75; Econ, SRS-WDPC, Washington DC 1965-66.
Pub: Obers Projections, Washington DC 1972; Obers Projections, Series E Pop, Washington DC 1974; Our Land and Water Resources, Washington DC 1974.
Mbr: SCSA; AFA.
Hon: Gamma Sigma Delta.

SCHLUTER, Gerald E., Room 107, GHI Bldg, SPM-NEAD-ERS-USDA, Washington DC 20250; PH 202-447-7621.
Agr Econ, SPM-NEAD-ERS-USDA (16) 07, 15.
b. 1942 Iowa; M-1.
BS 1964, MS 1966, PhD 1971 IA St Univ.
Fields: 085, 075, 086, 081.
Prev Emp: Res Assoc, IA St Univ 1966-70; Res Asst, IA St Univ 1964-66.
Pub: Combining I/O & Regression in Proj Models, Agr Econ Res 1974; Monitoring the Agr Econ: Strain of Data Systems, AJAE 1974; Economic Interpretation of Constrained I/O Solutions, Rev of Econ & Stat 1976.
Lang: Ger 3-0-0.
Mbr: NAEC; SAEA.

SCHMAEDICK, Gerald L., 8 Orlando Road, Norwalk CT 06854.

SCHMEDEMANN, Ivan W., Dept of Agr Econ, Texas A&M Univ, College Station TX 77843; PH 713-845-2036.
Assoc Professor, TX A&M Univ (03) 07, 08, 02.
b. 1930 Kansas; M-1.
BS 1953, MS 1957 KS St Univ; PhD 1967 TX A&M Univ; 1958-59 OK St Univ.
Fields: 020, 022, 038, 017.
Prev Emp: Agr Econ, Imp. Ethiopian Coll., Africa 1959-62; Econ, Pan Am Pet Corp, Oklahoma, 1957-58; Instr, KS St Univ 1955-57.
Lang: Ger 2-3-2, Fr 2-3-3.
Mbr: IAAE; WAEA; SAEA.

SCHMEDT, Theo F., Route 1, Ardmore OK 73401; PH 405-223-5810.
Agr Econ, Noble Foundation Inc (71) 20, 11.
b. 1947 Oklahoma; M-1.
BS 1971, MS 1973 OK St Univ; 1965-67 Univ of OK.
Fields: 012, 014, 013, 011.
Prev Emp: Grad Asst, OK St Univ 1971-72.
Pub: Future Capital & Credit Needs for Oklahoma Farms, MS Thesis 1973; Proj of Agr Capital & Credit Requirements: An Oklahoma Application, SJAE 1974; Limited Grazing of Winter Pasture, OK Farmer-Stockman, 1973.
Mbr: SAEA.

SCHMID, A. Allan, Dept of Agr Econ, MI St Univ, East Lansing MI 48824; PH 517-355-2266.
Professor, MI St Univ (03) 08, 07.
b. 1935 Nebraska; M-2.
BS 1956 Univ of NE; MS 1957, PhD 1959 Univ of WI.
Fields: 030, 066, 020, 040.
Prev Emp: Budget Anal, Office Asst Sec of Army (Civil Functions) Washington DC 1968-69.
Pub: Converting Land From Rural to Urban Uses, Johns Hopkins Univ 1968; Non-Market Values in Water Resources, Am Econ Review, 1967; Analytical Institutional Economics, AJAE 1972.
Lang: Fr 2-3-3.
Mbr: AEA; AEE, Ed Board 1973-75; IAAE.
Hon: Dictionary of Intl Biography; Am Men & Women of Science; Who's Who in th Midwest; Vstg Prof, Resources for the Future; McLean Memorial Lecturer, Univ of Guelph 1969; AAEA Travel Grant to IAAE 1964.

SCHMIDT, Stephen C., Dept of Agr Econ, Univ of Illinois, Urbana IL 61801; PH 217-333-4565.
Prof Agr Econ, Univ of IL, Urbana (03) 07, 08.
b. 1920 Hungary; Citz: USA; M-2.
Dipl Agr 1943; MS 1945 Univ of Budapest; PhD 1958 McGill Univ.
Fields: 112, 114, 017, 016.
Prev Emp: Asst Prof, MT St Univ 1957-59; Asst Prof, Univ of KY 1955-57.
Pub: An Enl Eur Comm and Agr Trade Pol Choices for Third Countries, JAE 1973; Sino-Amer Trade: Retrospect & Prospect, WAEA 1972; Needed Policies-An Am Commor Market, IA St Univ 1969.
Lang: Hungarian; Other: Ger 1-1-1, Fr 1-3-2.
Mbr: IAAE.
Hon: Who's Who in Am; Intl Who's Who; Am Men & Women of Science; Sigma Xi.

SCHNAKE, L.D., 1515 College Avenue, Manhattan KS 66502; PH 913-539-9141.
Agr Econ, U.S. Grain Mktg Res Center, (16) 07.
b. 1938 Missouri; M-1.
BS 1960 Univ of MO; MS 1967, PhD 1972 OK St Univ.
Fields: 014, 019, 015, 081.
Lang: Sp 3-0-0.
Mbr: SAEA.
Hon: Who's Who in the Midwest; ODE;GSD: AZ.

SCHNEEBERGER, Kenneth C., Dept of Agr Econ, Univ of Missouri, Columbia MO 65201; PH 314-882-4536.
Assoc Professor, Univ of MO (03) 08, 07.
b. 1940 Oklahoma; M-2.
BS 1962, PhD 1968 OK St Univ.
Fields: 012, 043.
Prev Emp: Asst Prof, Univ of MO 1968-71; Instr OK St Univ 1965-68.
Pub: The Energy Shortage and Agriculture, JASFMRA 1974; Marginal Farms-A Micro Development Opportunity, SJAE 1972; Growth Simulation of Dryland and Irrigated Corn, CJAE 1971.
Lang: Sp 3-0-0.
Mbr: AAAS; ASFM&RA; SAEA.
Hon: Who's Who in Am; Leaders in Education; Am Men & Women of Science; Silver Page Award for Best Article in Journal ASFM& RA 1974.

SCHNEEBERGER, Walter, Univ of Bodenkultur, Peter Jordanstrasse 82, Vienna, Austria 1192.

SCHNEIDER, Roger E., Dept of Agr Econ, Univ of Missouri, Columbia MO 65201; PH 314-882-7360.
Grad Res Asst, Univ of MO (03) 07.
b. 1946 Illinois; M-1.
BS 1968, MS 1970 Univ of IL; 1972 to date Univ of MO ; PhD.
Fields: 014, 101.
Prev Emp: Res Asst, Univ of MO 1972; Operation Spec, U.S. Army 1970-72; Res Asst, Univ of IL 1970.
Pub: Ground Beef Pricing in an Uninformed Market, Jour of Consumer Affairs 1975; Customer Responses to Retail Meat Prices & Ads, Univ of MO Agr Exp Sta Res Bull., 1974; Analysis of Beekeeping Costs & Returns, ERS Prod, Res Rpt #151, 1973.
Hon: Gamma Sigma Delta.

SCHNEIDER, Robert R., 818D Eagle Heights, Madison WI 53705.

SCHNEIDER, Vernon E., Dept of Agr Econ, Texas A&M Univ, College Station TX 77843; PH 713-845-4912.
Professor, TX A&M Univ (03) 10, 08, 07.
b.1925 Missouri; M-5.
BS 1950 Univ of MO; MS 1960 Purdue Univ; PhD 1962 OR St Univ.
Fields: 100, 110, 090.
Prev Emp: President, Am Inst of Coop, Washington DC 1969-73; Director, Agr Res Center, SRI, Los Angeles CA 1966-68; Professor, Agr Econ, Univ of WI 1962-66.
Pub: Factors to Consider in Determining Pricing of Coop Bargaining Assn, OR St Univ 1962; Economic Anal of Merchandising Meat-Type Pork at the Retail Level, Purdue Univ 1960.
Lang: Sp 3-0-3, Fr 3-0-3, Ger 3-0-3.
Mbr: SAEA; WAEA.
Hon: Who's Who in America; Am Men & Women of Science.

SCHNITTKER, John A., 1339 Wisconsin Ave, NW, Washington DC 20007; PH 202-333-7650.
President, Schnittker Associates (51) 15, 19, 22.
b. 1924 Kansas; M-5.
BS 1950, MS 1954 KS St Univ; PhD 1956 IA St Univ.
Fields: 017, 014, 016, 112.
Prev Emp: VP, Robert Nathan & Associates, Washington DC 1970-71; Prof, KS St Univ 1969-70; Under Sec, USDA, Washington DC 1965-69. Hon: WW in America.

SCHOEFF, Robert W., Dept of Grain & Industry, Kansas St Univ, Manhattan KS 66506; PH 913-532-6161.
Professor, KS St Univ (03) 09, 07, 11.
b. 1921 Indiana; M-2.
BS 1942, MS 1947, PhD 1952 Purdue Univ; 1951 Univ of Chicago.
Fields: 014, 101, 019.
Prev Emp: Ext Spec, Purdue Univ 1947-49; Commodity Anal, Armour & Co 1952-54; Mgr. Mktg, Central Soya Co, 1957-60.
Pub: Extension Service Review, USDA, Washington DC 1973; The Formula Feed Industry, Washington DC 1976; Plant Feasibility, Washington DC 1976.
Mbr: AMA; Am Mgmt Assn.

SCHOENEMAN, John A., 5605 Tolman Terrace, Madison WI 53711.

SCHOLVINCK, Johan B.W., Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-2252.
Grad Student, Cornell Univ (03) 23, 07.
b. 1948 The Netherlands; Citz: Net; U.
BS 1972 Agr Univ, Wageningen; MS 1974 Cornell U; MS 1975 Agr Univ, Wageningen.
Fields: 38, 81, 65, 36.
Prev Emp: Teaching Asst, Cornell Univ 1975; Teaching Asst, Cornell Univ 1973.
Lang: Dutch; Other: Eng 1-1-1, Ger 1-2-2, Fr 1-2-2.

SCHONEY, Richard A., Dept of Agr Econ, Univ of Wisconsin, Madison WI 53706; PH 608-262-3653.
Asst Prof, Univ of WI (03) 09, 07.
b. 1946 Illinois; M-1.
BS 1968, MS 1973 Univ of IL; PhD 1976 Purdue Univ.
Fields: 011, 012, 084.
Prev Emp: Asst Prof, Univ of WI 1976.
Pub: An Economic Anal of Selected Hay Making Systems Under Stochastic Weather Conditions, Purdue 1976.
Lang: Fr 2-3-2, Arabic 0-0-3.
Mbr: WI-SFM&RA.

SCHOONOVER, David M., ERS-USDA, Washington DC 20250; PH 202-447-8653.
Prog Leader, USDA (16) 06, 07, 18.
b. 1936 Illinois; D-2.
BS 1957, MS 1960 Univ of IL; MBA 1961 Stanford Univ; PhD 1970 Univ of MD; PhD 1972 MI St Univ.
Fields: 017, 073, 111, 071.
Prev Emp: Agr Econ, ERS-USDA, Washington DC 1968, 1971, 1972, 1974; Asst Agr Attache, FAS-USDA, USSR 1964-67; For. Anal, FAS-USDA, Washington DC 1961-64.
Pub: The Soviet Feed-Livestock Economy Prospects for Agr Trade With USSR, ERS Foreign #356, 1974; Prospects for U.S. Exports to Nations of Eastern Europe, Foreign Agriculture 1971; Soviet 5-Year Plan Stresses Livestock and Grain Output, Foreign Agriculture 1970.
Lang: Rus 1-3-2.
Mbr: AEA; AAASS.
Hon: FAS Administrators Blue Ribbon Award 1972; Group Superior Serv Award USDA 1970; Alpha Zeta.

SCHRADER, Lee F., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-493-1616.
Professor, Purdue Univ (03) 07, 09, 08.
b. 1933 Illinois; M-3.
BS 1955, Univ of IL; MS 1958 MI St Univ; PhD 1961 Univ of CA.
Fields: 014, 016, 018.
Prev Emp: Econ, Armour & Co, Chicago 1965-66; Buyer, Lever Bros Co, New York 1961-64.
Pub: Farmers Cooperatives and Federal Income Taxes, Ballenger 1975.
Hon: AFEA Published Res Award 1963; WFEA Published Res Award 1963, AMWS.

SCHREINER, Dean F., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Professor, OK St Univ (03) 07, 08.
b. 1937 Colorado; M-2.
BS 1960 CO St Univ; MS 1963, PhD 1967, IA St Univ.
Fields: 035, 085, 073, 075.
Prev Emp: Asst Prof, IA St Univ 1966-68; Instr, IA St Univ 1965-66; Res Assoc, IA St Univ 1963-65.
Pub:Solid Waste Management for Rural Areas, AJAE 1973; Place of Residence as it Relates to Female Work Force, Reg Sci Prospectives 1975; Planning for Rural Public Sectors, OK Agr Exp Sta 1974.
Lang: Sp 1-1-1.
Mbr: RSA; MCRSA, Pres. 1974-75; SAEA.
Hon: Am Men & Women of Science; Outstanding MS Thesis Award, AAEA 1964.

SCHRIMPER, Ronald A., Dept of Economics and Business, NC St Univ, Raleigh NC 27607; PH 919-737-2610.
Professor, NC St Univ (03) 07, 08.
b. 1936 Pennsylvania; M.
BS 1958, MS 1960, PA St Univ; PhD 1966 NC St Univ.
Fields: 051, 081, 042, 016.
Prev Emp: Res Assoc, Center for Urban Studies, Univ of Chicago 1972-73.
Pub: Reservation & Market Demands for Sweet Potatoes, AJAE 1975; Opportunity Cost of Time & Other Socioeconomic Effects on Away-From-Home Food Consumption, AJAE 1973.
Mbr: AEA; ES; ASA.
Hon: NC St Univ Outstanding Teacher Award 1968; Chairman of Dissertation Selected for PhD Award by AAEA, 1970 and 1974.

SCHRUBEN, Leonard W., Dept of Economics, KS St Univ, Manhattan KS 66506; PH 913-532-6705.
Professor, Assoc Dir Food Feed Inst, KS St Univ (03) 07, 08, 09.
b. 1917 Kansas; M-2.
BS 1939 KS St Univ; MS 1940 Univ of IL; MPA 1948, MA 1949, PhD, Harvard Univ.
Fields: 014, 019, 016.
Prev Emp: Chairman, U.S. Intl Univ 1968-69; Vstg Prof, Stanford Univ 1967-68; Econ Adv, Gr Plains Wheat, Washington DC 1960-61.
Pub: Grain Marketing Methods in the USA, AJAE 1973; River Navigation & Wheat Transportation Costs, KS St Univ 1974; Postal Service Route Reorganization, KS St Univ 1976.
Mbr: ORSA; WAEA.
Hon: Am Men & Women of Science; Carnegie Fellow; Phi Kappa Phi; Alpha Zeta.

SCHUETZ, Marius A., 54 B University Ave, Guelph, Ontario, Canada.

SCHUH, G. Edward, Dept of Agr Econ, Purdu Univ, W. Lafayette IN 47907; PH 317-494-4942.
Professor, Purdue Univ (03) 07, 08, 22.
b. 1930 Indiana; M-3.
BS 1952 Purdue Univ; MS 1954 MI St Univ, MA 1959, PhD 1961 Univ of Chicago.
Fields: 073, 017, 121, 087.
Prev Emp: Staff Econ, Council of Econ Adv Washington DC 1974-75; Prog Adv, Ford Foundation, Brazil 1966-72.
Pub: Agricultural Development of Brazil, New York 1970; Research on Agricultural Development in Brazil New York 1971; Agricultural Development of Sao Paulo, Brazil 1973.
Lang: Por 1-1-1, Sp 1-1-1.
Mbr: AEA; ES; IAAE.
Hon: Who's Who in Am; Intl Who's Who; Am Men & Women of Science; AAEA Award Best PhD Thesis 1961; AAEA Award Published Res 1971; AAEA Award Best Jour Article 1975.

SCHULTHEIS, Michael J., Inter-religious Taskforce on U.S. Food Policy, 110 Maryland NE, Washington DC 20002; PH 202-543-2800.
Res Assoc, Jesuit Conference (70) 07, 19, 08.
b. 1932 Washington: U.
BA 1958, MA 1959 Gonzaga Univ; MA 1966 Regis College, Toronto; PhD 1976 Cornell Univ.
Fields: 073, 069, 047, 020.
Prev Emp: Res Asst, Cornell Univ 1973-75; Vistg Lecturer, Makerere Univ, Uganda Makerere Inst Soc Res., Uganda 1971-73.
Pub: Population Growth, Labor Utilization and Regional Development in Uganda, Dissertation, Cornell Univ 1976; The Ugandan Economy and General Amin, 1971-74, Stud Comp Intl Devl, Nov. 1975.
Lang: Fr 1-3-3, Sp 2-3-3.
Mbr: AEA; SID; EAAEA.

SCHULTZ, David A., Dept of Natural Res, D-3 Tawes Office Bldg, Annopolis MD 21401; PH 301-267-5676.
Natural Res Planner, MD Water Res Adm (40) 06, 15, 18.
b. 1943 Wisconsin; M-1.
BS 1965 WI St Univ; MS 1969 Purdue Univ; MS 1970 Cornell Univ.
Fields: 021, 026, 032, 035.
Prev Emp: Res Assoc, Cornell Univ, 1970; Res Asst, Cornell Univ 1968-70; Res Asst, Purdue Univ 1965-68.
Pub: Federal Evaluation of Res Investments, Cornell Univ, Agr Econ Res #313, 1970; A Balance Sheet Method of Determining the Contribution of Agr Wastes to Surface Water Pollution, Proceedings of the 1970 Cornell Agr Water Mgmt Conf, April 1970; Water Supply Management Program for the State of Maryland, Univ of MD Water Res Center, Feb 1975.
Mbr: AEA; AWRA.

SCHULTZ, Theodore W., Dept of Economics, Univ of Chicago, 1126 East 59th Street, Chicago IL 60637; PH 312-753-4506.
Prof Emeritus, Univ of Chicago (03) 07, 08, 23.
b. 1902 South Dakota; M-3.
BS 1928 SD St Univ; MS 1928, PhD 1930 Univ of Wisconsin, 5 Honor Degrees.
Fields: 070, 040, 110, 060.
Prev Emp: Charles L. Hutchinson Dist Ser Prof, Univ of Chicago 1952 to date; Chrmn, Dept of Agr Econ, Univ of Chicago 1946-61; Prof, Univ of Chicago 1943.
Pub: Economics of the Family: Marriage, Children and Human Capital, Chicago 1975; Investment in Human Capital: The Role of Education and of Research, New York 1971; Economic Growth & Agriculture New York 1968.
Lang: Ger 3-0-0, Fr 3-0-0.
Mbr: AAAS; NAS; AEA Pres 1960.
Hon: Who's Who in Am; Directory of Am Scholars; Leaders in Educ; Intl Who's Who; Am Men & Women of Science; Fellow, Am Philosophical Soc; Distinguished Serv Award Am Agr Editors Assn 1973; Fellow, Am Farm Econ Assn; AEA Distinguished Fellow 1965; Walker Medal 1972.

SCHULTZ, Wolfgang M., Rural Economy, 515 General Services Bldg, Univ of Alberta, Edmonton, Alta, Canada T6G2H1; PH 403-432-3222.
Professor, Univ of Alberta (03) 08, 07, 09.
b. 1929 Germany; Cits: Canada; M-3.
Diplom-Landwirt, 1954; Dr. Agr 1956 Justus Liebig Univ, Germany; PhD 1965 OK St Univ.
Fields: 012, 011, 013, 020.
Prev Emp: Asst Prof, SD St Univ 1961-64; Wiss. Asst, Justus Liebig Univ, Germany, 1956-59.
Pub: People & Resources NE Alberta, Edmonton, Canada 1966; Die Neuzeitliche Getreideernte, Munich, Germany 1957; Organization of Commercial Cattle Ranches, SC Oklahoma, Dissertation, OK St Univ 1965.
Lang: German; Other: Fr 3-3-3, Rus 3-0-0.
Mbr: CAES; AAAS; AWRA.
Hon: Am Men & Women of Science.

SCHUPP, Alvin R., Dept of Agr Econ, LA St Univ, Baton Rouge LA 70803; PH 504-388-3283.
Assoc Professor, LA St Univ (03) 07, 08.
b. 1935 Missouri; M-1.
BS 1957, MS 1965, PhD 1969 Univ of MO.
Fields: 014, 015.
Prev Emp: Res Asst, Univ of MO 1964-69; Captain, US Air Force 1958-63; Vo Agr Instr, Weaubleau MO 1957-58.
Pub: A Decision Model for Continuous Sequence Production Processes of Variable Length, AJAE 1969; A New Look at Beef Cattle Price Reporting Classifications, SJAE 1974; Consumers Evaluate Forage Finished Beef, Louisiana Agriculture 1975.
Lang: Sp 3-0-0.
Mbr: SAEA.
Hon: Whos's Who in America; Am Men & Women of Science.

SCHURLE, Bryan W., Dept of Agr Econ, OH St Univ, Columbus OH 43210; PH 614-422-2821.
Grad Student, OH St Univ (03) 07, 23, 08.
b. 1950 Kansas; M.
BS 1972 KS St Univ; MS 1974 OH St Univ.
Fields: 012, 081, 083, 084.
Prev Emp: Res Assoc, OH St Univ 1975; Tchg Assoc, OH St Univ 1974.
Mbr: Grad Student Assn, Pres 1975-76.
Hon: Who's Who in Am Colleges & Univ; Fellow, Univ Blue Key Natl Hon Frat; Gamma Sigma Delta.

SCHUTJER, Wayne A., Dept of Agr Econ, Pennsylvania St Univ, University Park PA 16801; PH 814-865-0469.
Assoc Professor, PA St Univ (03) 07, 08.
b. 1936 South Dakota; M-3.
BS 1959, MS 1961, SD St Univ; PhD 1964 MI St Univ.
Fields: 070, 110.
Prev Emp: Agr Prog Adv, Ford Foundation, Southeast Asia 1972-74; Dir Res & Training Network, ADC, New York 1973-74.
Pub: Negotiating a World Cocoa Agreement: Analysis and Prospects, PA St Univ Exp Sta 1967; The Contribution of Foreign Assistance to Agricultural Development, AJAE 1969; Planning Agricultural Development-The Matter of Priorities, Jour of Developing Areas 1971.
Mbr: AEA; IAAE.

SCHUTZ, Willard D., Div of Agr Econ, PO 3354, Univ of Wyoming, Laramie WY 82071; PH 307-766-2166.
Assoc Professor, Univ of WY (03) 07, 08.
b. 1912 Wisconsin; M.
BS 1940 Univ of WI; MS 1947 MT St Univ; PhD 1954 Univ of WI.
Fields: 020, 017, 031.
Prev Emp: ND St Univ 1953-54; SD St Univ 1950-52.
Pub: Economic Costs of Ambulance Service in Wyoming, Univ of WY 1975; Limiting Liability When Private Land is Used for Outdoor Recreation, Univ of WY 1973.
Lang: Sp 2-3-3.
Mbr: WAEA.
Hon: Alpha Zeta.

SCHUY, David F., Eng & Res Center, U.S. Bureau Rec, Denver Fed Center, POB 25007, Denver CO 80225; PH 303-234-3166.
Reg Econ, U.S. Bureau of Reclamation (13) 15, 22, 07.
b. 1938 Iowa; M-4.
BS 1959, MA 1963, PhD 1976 WA St Univ; NIPA 1968-69 IN Univ.
Fields: 021, 031, 012, 035.
Prev Emp: Ext Econ, WA St Univ 1975; Asst Dir, WA Water Res Ctr, Pullman WA 1972; Econ, U.S. Bureau of Reclamation, Washington DC 1970.
Pub: Criteria for Allocation of Public Waters, Water Res Ctr, WA St Univ, Pullman WA 1976; Energy Costs of Col. R. Water for Irrigation, Ext Serv, WA St Univ, 1975; Institut Anal Land Devl & Water Use, Yokima River Basin, Washington, Agr Res Ctr, WA St Univ 1972.
Mbr: WAEA.
Hon: Phi Kappa Phi; NIPA Fellowship; Dept of Interior Special Act Award.

SCHWAB, Gerald D., Dept of Agr Econ, MI St Univ, E Lansing MI 48823; PH 517-355-2153.
Asst Prof, MI St Univ (03) 09, 07, 08.
b. 1943 Iowa; M-1.
BS 1967 IA St Univ; MS 1969 MI St Univ; PhD 1974 Purdue Univ.
Fields: 012, 014.
Prev Emp: Instr, WI St Univ 1969-70.
Pub: A Computerized Decision-Making Model For the Beef/Forage Enterprise, Purdue Univ 1974; Soil, Fertilizer & Management Relationships Affecting Economic Choice of Corn Silage and Alfalfa on Dairy Farms, MI St Univ 1969.
Hon: Phi Kappa Phi; Gamma Sigma Delta.

SCHWART, Robert B., 305 Mumford Hall, Dep of Agr Econ, Univ of Illinois, Urbana IL 61801.

SCHWART, Robert B. Jr., Dept of Agr Econ & Rural Soc, Ohio St Univ, Columbus OH 43229; PH 614-422-2641.
Grad Res Asst, OH St Univ (03) 23, 07.
b. 1945 Ohio; M.
BS 1967 Univ of IL; MS 1975 OH St Univ.
Fields: 017.
Prev Emp: Agr Stat, SRS-USDA Illinois & Ohio 1969-75; Hog Buyer, Heinold Hog Markets, IL, 1967-69.
Pub: Ohio Farm Income, SRS- OH St Univ 1974-75.

SCHWARTZ, H. Joe, Route 1, Box 51-L., Ropesville TX 79358; PH 806-562-4083.
Farm Manager, Self Employed (51) 20, 21.
b. 1951 Texas; M-1.
BS 1973 Angelo St Univ; MS 1975 OK St Univ; 2 years, TX Tech Univ.
Fields: 012, 011.
Prev Emp: Grad Asst, OK St Univ 1973-75.
Pub: An Economic Analysis of Energy Use and Agricultural Output for Representative Farms in the Oklahoma Panhandle, MS Thesis and AJAE 1975.

SCHWARZ, Franz, Dept of Revenue, Research Division, Lincoln NE 68503; PH 402-471-2971.
Res Anal, State of Nebraska (40) 07, 15.
b. 1944 Austria; Citz: Austria; M-1.
Dipl Ing, 1969 Agr College Vienna; MS 1972, PhD 1975 Univ of NE, Lincoln.
Fields: 014, 016, 084, 018.
Prev Emp: Res Asst, Dept of Agr Econ, Univ of NE.
Pub: Cattle-At What Weight Should They Be Sold?, Res Bull, UNL, 1973; A Forecasting-Programming Method for Placemer Sales Decisions for a Beef Feedlot, Res Bull, UNL 1976. Lang: German.

SCHWEITZER, Harvey J., Dept of Agr Econ, Univ of Illinois, Urbana IL 61801; PH 217-333-6494.
Professor, Univ of IL (03) 02, 09, 18.
b. 1919 Illinois; M-3.
BS 1946 N. IL Univ; MS 1947 MI St Univ; PhD 1957 Univ of WI.

Fields: 031, 030, 040.
Prev Emp: Self Employed in Agriculture, Matta IL 1950-62.
Pub: Farm Commercialization as Related With Certain Aspects of the Farm Family as a Social System, PhD Dissertation 1958.
Mbr: RSS; CDS.

SCOFIELD, William H., 3134 N. Thomas Street, Arlington VA 22207; PH 703-527-9359.
Agr Econ, Self Employed (75) 22, 26.
b. 1915 New York; M-1.
BS 1936 Cornell Univ; MS 1941 Univ of IL; Summer 1941 Univ of WI.
Fields: 011, 013, 101, 015.
Prev Emp: Agr Econ, ERS-USDA, Washington DC 1972-75; Leader, Agr Org & Structure, ERS-USDA, Washington DC 1966-72.
Pub: Farm Real Estate Market Developments USDA-ERS Periodical 1948-68; Farm Real Estate Values in U.S. 1850-1959, Univ of WA Press 1965; Agricultural Corporations Today, IA St Univ Press 1970.
Lang: Ger 3-3-3, Sp 3-0-0.
Mbr: IAAE.
Hon: Lambda Alpha; Who's Who is South's SW; Am Men & Wom of Science; Who's Who in Government.

SCOTT, Arthur J., 505 King Avenue, Columbus OH 43201; PH 614-424-6424.
Corp Planner, Battelle Memorial Institute (70) 04, 18.
b. 1929 North Dakota; M-6.
BS 1951, MBA 1964 Univ of WA.
Feilds: 090, 100, 110, 017.
Prev Emp: Mgr, Marketing, Battelle Inst, Richland WA 1969-73.
Mbr: AAAS; AMA; ANS.
Hon: Who's Who in the West.

SCOTT, Donald F., Dept of Agr Econ, ND St Univ, Fargo ND 58102; PH 701-237-7441.
Asst Professor, ND St Univ (03) 07, 08.
b. 1942 Maryland; M-2.
BA 1966, MBA 1969 Mankato St Univ; PhD 1974 Univ of MO.
Fields: 026, 014.
Prev Emp: Res Asst, Univ of Mo, Columbia, 1971-74; Instr, Mankato St Univ, MN, 1969-71.
Pub: Estimation of Regional Labor Income Multipliers for Missouri; Dissertation, Univ of MO 1974; Estimation of Industry Labor Income Multipliers for County Groupings in Missouri, Univ of MO 1975.
Mbr: WAEA.

SCOTT, Frank S. Jr., Dept of Agr & Res Econ, Univ of HI, Honolulu HI 96822; PH 808-948-8420.
Professor & Dept Chairman, Univ of HI (03) 02, 08, 07.
b. 1921 Wyoming; D-1.
BS 1944 OR St Univ; MA 1947 Univ of MO; PhD 1953 Univ of IL; 1939-41 Univ of WY.
Fields: 014, 015, 016, 012.
Prev Emp: Asst Prof, Univ of NV, Reno 1951-54; Asst Prof, Stephen F Austin Univ, Texas 1947-50.
Pub: Economic Analysis of the Market for Guava Nectar, Univ of HI 1974; A Current Evaluation of the Market for Macadamia Nuts, Univ of HI 1971; The Implication of Market Development & Promotion Schemes on Producer Returns and Consumer Welfare, ERS-USDA 1966.
Lang: Sp 1-1-1, Fr 1-3-3.
Mbr: WAEA; IAAE.
Hon: Am Men & Women of Science.

SCOTT, Howard R., Div of Resource Mgmt, College of Agr, West Virginia Univ, Morgantown WV 26505; PH 304-293-3231.
Grad Res Asst, WV Univ (03) 23, 07.
b. 1952 West Virginia; M.
BS 1974 Glenville St College.
Fields: 014, 012, 026, 011.
Prev Emp: Lab Asst, Glenville St College, WV 1973-74.
Mbr: SCSA; Gilmer Co Farm Bureau; IOOF #156, Troy WV, Noble Grand, Treas.

SCOTT, John T. Jr., 305 Mumford Hall, Dept of Agr Econ, Univ of Illinois, Urbana IL 61801; PH 217-333-6192.
Professor, Univ of IL (03) 07, 08, 02.
b. 1926 Illinois; M-3.
BS 1951, MS 1952 Univ of IL; PhD 1965 IA St Univ.
Fields: 011, 010, 030, 080.
Prev Emp: Cons Econ, MUCIA, Indonesia 1971; Econ, USDA, Ames IA 1964; Farm Mgr, IL Valley Farm Mgmt Service, Ottawa, IL 1960.
Pub: Factor Analysis and Regression, Econometrica 1966; Changing Technology and Lease Adjustment, Land Economics 1969; A Practical Way to Select an Optimal Farm Plan Under Risk, AJAE 1972.
Lang: Fr 3-0-3, Ger 3-0-3.
Mbr: AEA; Econometrica; ASFM&RA.
Hon: Who's Who in America; Am Men & Women of Science.

SCOTT, Kenneth C., Dept of Mgmt, CA Poly, San Luis Obispo CA 93407; PH 805-546-2025.
Asst Professor, CA Poly Univ (03) 08.
b. 1945 USA; M-3.
AS 1968 Ricks College; BA 1970 Brigham Young Univ; PhD 1975 WA St Univ.
Fields: 012, 016, 020, 030.
Prev Emp: Res Assoc, WA St Univ, Pullman, 1973-75; Res Asst, WA St Water Res Center, Pullman 1970-73.
Pub: Redistributional Consequences of Publicly Supplied OUtdoor Recreation Provision Columbia Basin Project, Diss 1975.

Agriculture in an Urban Environment, Coop Ext Serv, WA St Univ 1973.
Mbr: WAEA.
Hon: Who's Who in Am Jr Colleges; Phi Kappa Phi.

SCOTT, Raymond C., 3606 North Monroe St, Arlington VA 22207.

SCOVILLE, Orlin J., Dept of Economics, Kansas St Univ, Manhattan KS 66506; PH 913-532-6702.
Professor, KS St Univ (03) 07, 18, 08.
b. 1911 USA; M-4.
BS 1931, MS 1933 CO St Univ; 1934-35 WI; PhD 1949 Harvard Univ.
Fields: 073, 017, 012.
Prev Emp: Proj Leader, Consortium for Study, Nigerian Rural Devl, Lagos 1966-68; Devl Officer, Off Rural Affairs, USAID, Bangkok, Thailand 1962-66; Br Chief, PERD-USDA, Washington DC 1954-60.
Pub: Agricultural Development Thru Production Teams, Jour of Agr Adm 1975; Rural Development in Thailand, Jour Devl Areas 1974; Strategies for Nigerian Rural Development, MI St Univ 1969.
Mbr: IAAE; SID; NFS. Hon: AMWS.

SCULLY, John J., DG V1-E3, 200 Rue de la Loi, Brussels 1049 Belgium; PH 02-735-0040.
Chf Adv, Commission of the Eur Communities (67) 18.
b. 1927 Ireland; Citz: Ireland; M.
BAS 1951 Natl Univ of Ireland; MS 1960, PhD 1962 Univ of IL.
Fields: 017, 022.
Prev Emp: Western Reg Office, Dept of Agr, Athenry, Ireland, 1965-73; Farm Mgmt Adv, Dept of Agr, Dublin 1962-73.
Pub: Agriculture in the West of Ireland, Dublin, The Stationery Office 1971; The Development of Western Ireland, Irish Geography Vol VI, No. 1 1969.
Lang: Fr 1-1-1.
Mbr: IAAE, Council Mbr 1960-73; Agr Econ Soc of Ireland, Pres 1970; AES-UK.

SEABORG, Alpert D., 500 12th Street SW, Room 356, Washington DC 20018; PH 202-447-7021.
ERS-USDA (16) 15.
b. 1932 Illinois; M-5.
BS 1954, MS 1960 Univ of WI.
Fields: 018, 016, 051.
Pub: Livestock & Meat Situation, ERS-USDA, Washington DC 1960-1973.

SEAGRAVES, James A., Dept of Econ & Bus, NC St Univ, Raleigh NC 27607; PH 919-737-2630.
Professor, NC St Univ (03) 07, 08, 09.
b. 1928 Oregon; M-5.
BA 1951 Reed College; MS 1952, PhD 1956 IA St Univ.
Fields: 020, 011, 073, 084.
Pub: Industrial Waste Changes, Jour Env Eng Div ASCE 1973; On Appraising Envir Instr, AJAE 1973; More on the Social Rate of Discount, Quarterly Jor of Econ 1970.
Lang: Sp 1-2-1.
Mbr: AEA; AFA; Econometric.
Hon: BEst ARticle of Year 1960 in JFE.

SEAVER, Stanley K., Dept of Agr Economics Univ of Connecticut, Storrs CT 06268.

SEAY, Edmond E., Dept of Resource Econ, Woodword Hall, Univ of Rhode Island, Kingston RI 02881; PH401-792-2471.
Asst Professor, Univ of Rhode Island (03) 09, 07, 08.
b. 1931 Virginia; M-4.
BS 1953 VPI & St Univ; MS 1958 Cornell Univ; PhD 1970 IA St Univ.
Fields: 030, 021, 066.
Pub: Modifying Extension CRD Programs, Jour NAEC 1974; Theoretical Framework for Rural Comm Devl, CJAE 1974; Resourc Base Approach to CRD Education, JNAEC 1972.
Mbr: NAEC; AAUP.

SEEMAN, Raymond G., 301 Yakima Street, Federal Bldg, Wenatchee WA 98801; PH 509-663-0031.
Farmer Prog Spec, FHA-USDA (20) 17.
b. 1928 Washington; M-3.
BS 1955 Univ of ID.
Fields: 013, 012, 159.
Prev Emp: Farmer's Program Spec, USDA-FHA, Wenatchee WA 1958.
Mbr: WAEA; Columbia River Soc FM&RA, Board of Director 1974.

SEEVERS, Gary L., 2033 K Street, Washington DC 20036.
Commissioner, Commodity Futures Trading Commission (36) 27, 06.
b. 1937 Michigan; M-4.
BS 1959, MS 1966 PhD 1968 MI St Univ.
Fields: 017, 112, 102.
Prev Emp: Mbr, President's Council of Econ Adv, Washington DC 1973-75; Staff, Pres, Council of Econ Adv, Washington DC 1970-75; Asst Prof, OR St Univ 1968-70.
Mbr: AEA.
Hon: Who's Who in Am; MI 4-H Alumni Recognition Award 1975.

SEGUR, W. H., PO Box 1085, Davis CA 95616.

SEITZ, Wesley D., 305 Mumford Hall, Dept of Agr Econ & Inst of Env Studies, Univ of Illinois, Urbana IL 61801; PH 217-333-1816.

Assoc Prof & Assoc Dir, Univ of IL (03) 02, 07.
b. 1940 Ohio; M-2.
BS 1962, MS 1964 OH St Univ; PhD 1968 Univ of CA, Berkeley.
Fields: 026, 021, 014.
Prev Emp: Asst Prof, Univ of IL 1968-73; Res Asst, Univ of CA, Berkeley 1965-68.
Pub: Productive Efficiency in the Steam-Electric Generating Industry, JPE 1971; Stripminded Land Reclamation With Sludge: An Economic Simulation, AJAE 1974; The Measurement of Efficiency Relative to a Frontier Production Function, AJAE 1970.
Mbr: AEA; SCSA.
Hon: Am Men & Women of Science.

SELTZER, Raymond E., PO Box 727, Manhattan KS 66502; PH 913-539-3565.
President, Devl Planning Res (51) 07, 05.
b. 1918 USA; M-3.
BS 1940 Univ of IL; MS 1942 KS St Univ; PhD 1957 Univ of CA.
Fields: 073, 014, 072.
Prev Emp: Dept Head, Dept Agr Econ, Univ, of AZ, Tucson, 1947-61; Major, US Army, 1942-47.
Lang: Sp 2-3-3.
Hon: Who's Who in America; Am Men & Women of Science; Alpha Zeta; Gamma Sigma Delta.

SEN, Samar R., 1818 H Street NW, Washington DC 20433; PH 202-477-2223.
Exec Dir, World Bank (66) 03, 07, 17.
b. 1916 India; Citz: India; M-2.
BA 1937 Presidency College; PhD 1946 Dacca Univ; PhD 1947 London School of Econ, London Univ.
Fields: 017, 068, 073, 077.
Prev Emp: Deputy Chrmn, Irrigation Comm, New Delhi 1969-70; Additional Sec, Plng Comm, New Delhi 1963-69.
Pub: Growth & Instability in Indian Agriculture, Calcutta 1971; Strategy for Agricultural Development, Asia Publishing Bombay 1962; Economics of Sir James Steuart, Harvard Univ Press 1957.
Lang: Bengali; Other: Eng 1-1-1; Hindi 2-2-2.
Mbr: IAAE, Pres 1970-76; AEA; Indian Soc of Agr Econ, Pres. 1959.
Hon: Who's Who in Am; Intl Who's Who.

SESHAN, Ananthanarayanan, Economics Dept, Reserve Bank of India, PO Box 1036, Bombay, India 400001; PH 269375.
Deputy Director, Reserve Bank of India, (78) 07, 08.
b. 1934 India; Citz: India; M-2.
BA 1953 Madura College; MA 1955 Madras Christian College; MS 1964 Univ of HI; 1963 Cornell Univ.
Fields: 013, 012, 081, 131.
Prev Emp: Res Officer, Reserve Bank of India, Bombay 1968-74.
Pub: The Small Farmers (1967-69) A Field Study, Reserve Bank of India 1975; Institutional Credit System in India - A Case Study, FAO 1974; Report on Field Study of Banking Facilities, Tech Studies Prepared for the Banking Comm, Vol I, 1972.
Lang: Tamil; Other: Eng 1-1-1.
Mbr: Indian Soc of Agr Econ.
Hon: Gopathi Mahadeva Chetly Gold Medal From Univ of Madras; Prof Award From East-West Center, Univ of HI, Honolulu.

SETTER, Gerald L., 2412 Univ SE, Minneapolis MN 55414; PH 612-331-8750.
Res Assoc, MN Systems Res Inc (71) 07, 22.
b. 1943 Wisconsin; M-1.
BS 1965 Univ of WI-River Falls; MS 1968 Purdue Univ; PhD 1974 Univ of MN.
Fields: 042, 123, 032.
Prev Emp: Health Serv Coor, Northlands Reg Med Prog, St Paul MN 1972-73.
Mbr: AEA; HERO.

SETTLE, Hilton P., Dept of Agr & Resource Econ, Univ of Maryland, College Park MD 20742; PH 301-454-3810.
Grad Res Asst, Univ of MD (03) 23, 07.
b. 1950 Pennsylvania; M-1.
BS 1975 VPI & St Univ; 1975-76 MD Univ.
Fields: 111, 081, 014, 016.

SEVERSON, E. N., PO Box 799, Palmer AK 99645; PH 907-745-4271.
Stat in Charge, SRS-USDA (22) 06, 22.
b. 1933 North Dakota; M.
BS 1963 ND St Univ.
Fields: 080.
Prev Emp: Agr Stat, SRS-USDA, MT 1966-70; UT 1963-66.
Mbr: WAEA; IAAE.

SEXAUER, Benjamin H., Dept of Agr & Appl Econ, Univ of Minnesota, St Paul MN 55108; PH 612-376-3800.
Asst Prof, Univ of MN (03) 07, 08.
b. 1946 New Jersey; M-1.
BA 1968 Univ of CA; 1970-71 Harvard Univ; MA 1972, PhD 1975 Stanford.
Fields: 051, 016, 044, 070.
Prev Emp: Part-Time Lctr, San Jose St Univ, CA 1973; Econ, Env Sci Assoc, CA 1973.
Lang: Sp 2-2-2.
Mbr: AEA; WEA
Hon: Phi Beta Kappa; Natl Sci Foundation Fellowship.

SEXTON, Roger N., PO Box 1563, Canberra City, ACT 2601 Australia; PH 062-483-819.
Prin Res Officer, Bur of Agr Econ (26) 07, 18.
b. 1949 S. Australia; Citz: Australia; M.

BE 1970 Flinders Univ; ME 1974, PhD 1975 NC St Univ.
Fields: 121, 017, 043,047.
Prev Emp: Grad Res Asst, NC St Univ, Raleigh 1973-75.
Pub: Impact of Death Duties on Rural Industries, Quarterly Rev of Agr Econ 1973;•Determinants of Multiple Job-Holding by Farm Operators, PhD Dissertation 1975.
Mbr: AEA; Australia AEA; Econ Soc of Australia & New Zealand.
Hon: Bank of Adelaide Prize in Econ.

SEYALA, Mahmood Y., School of Business, 1331 H Street, NW, Washington DC 20005; PH 202-727-2702.
Assoc Professor, Federal City College (03) 08, 07.
b. 1938 Iraq; Citz: USA; M-1.
BS 1960 Baghdad Univ; MS 1964 Cornell Univ; PhD 1969 Univ of MD.
Fields: 095, 014, 011.
Prev Emp: Asst Prof, Riyadh Univ, Saudi Arabia 1970-71; Econ Res Spec, Mins of Planning, Baghdad, Iraq 1969-70; Grad Asst, Univ of MD, College Park 1967-69.
Pub: Economic Analysis of Dairy Industry in Maryland, Dissertation.
Lang: Arabic.
Mbr: AMA.

SFEIR-YOUNIS, Alfredo, 301 Agr Hall, Univ of Wisconsin, Madison WI 53706; PH 608-262-3653.
Res Fellow, Univ of Wisconsin (03) 07.
b. 1947 Chile; Citz: Chile; M-2.
BA 1970, Comm Eng 1971 Univ of Chile; MS 1975, PhD 1976 Univ of WI.
Fields: 020, 077, 111.
Prev Emp: Res Asst, Univ of WI, Madison 1973-75; Prof, Univ of Chile, Santiago 1971-72; Prof, Univ of Catolica, Valparaiso 1971-72.
Lang: Spanish; Other: Eng 1-1-1, Fr 2-2-3.
Hon: Gamma Sigma Delta.

SHABMAN, Leonard A., 301 Hutcheson Hall, VPI & St Univ, Blacksburg VA 24060; PH 703-951-6844.
Asst Professor, VPI & St Univ (03) 07, 08, 09.
b. 1945 Massachusetts; M.
BS 1967 Univ of MA; MS 1970, PhD 1973 Cornell Univ.
Fields: 020, 033, 156, 088.
Pub: Decision Making in Water Resources, Cornell Univ Water Center 1972; Use of Economic Analysis in TVA South, Jour of Agr Econ 1973; User Charges for Inland Waterways, VPI Water Center 1975.
Mbr: AEA; ASPA; AAAS.

SHAFER, Carl E., Dept of Agr Econ, Texas A&M Univ, College Station TX 77843; PH 713-845-1941.
Assoc Professor, TX A&M Univ (03) 07, 08.
b. 1933 Oklahoma; M-2.
BS 1955, MS 1958 OK St Univ; PhD 1962 PA St Univ.
Fields: 016, 014, 081, 017.
Prev Emp: Instr, PA St Univ, University Park 1957-61.
Pub: Hedging Raw Sugar, Sugar y Azucar 1975; Intraseasonal Price Analysis for Onions, Jour Am Soc Horticulture Sci 1973.
Mbr: SAEA; WAEA.

SHAFFER, James D., Dept of Agr Economics, MI St Univ, East Lansing MI 48824; PH 517-355-1695.
Professor, MI St Univ (03) 09, 08, 07.
b. 1925 Pennsylvania; M-4.
BA 1947, PhD 1953 MI St Univ.
Fields: 017, 030, 040, 014.

SHAFFER, Ron E., Agr Hall, Univ of Wisconsin, Madison WI 53562; PH 608-262-3653.
Asst Professor, Univ of WI (03) 09, 07, 08.
b. 1945 Nebraska; M-2.
BS 1967 Univ of NE; PhD 1972 OK St Univ.
Fields: 031, 035, 032, 039.
Prev Emp: NDEA, OK St Univ, Stillwater 1967-72.
Pub: Indicators of Development in Wisconsin Counties 1970, Jour Social Indicators Research 1975; Measuring the Net Economic Changes From Rural Industrial Development, Jour Land Econ 1974; Rural Industrialization: A Local Income Analysis, SJAE 1974.
Mbr: CDS; RSA.

SHAH, Pradip R., 305 Mumford Hall, Dept of Agr Econ, Univ of Illinois, Urbana IL 61801.
Fellow & Res Asst, Univ of IL (03) 07.
b. 1952 India; Citz: India; U.
FYS 1970 Univ of Bombay; BS 1974 GB Pant Univ; MS 1976 Univ of IL.
Fields: 013.
Pub: Designing and Experiment in Rural Credit in India, MS Thesis, Univ of IL 1976.
Lang: Gujerati; Other: Hindi 1-1-1; Fr 2-3-3.
Hon: Phi Kappa Phi; Univ of IL Fellowshi Vice-Chancellor's Merit Scholarship.

SHAHBAZIAN, Vernon L., 1220 N Street, Sacramento CA 95814; PH 916-445-5141.
Chf, Bureau of Mktg, State Dept of Food & Agr (40) 06.
b. 1922 California; M-3.
BS 1947 CA Polytechnic; MS 1948 Univ of Il 1950-52 Univ of WI.
Fields: 014.
Lang: Armenian 2-3-2, Sp 3-0-0.

SHAMS, Abdul T., Shamsuddin Trading Store, Shams Market, Kabul, Afghanistan.

SHANE, Ronald L., Max C Fleischmann Coll of Agr, Univ of Nevada, Reno NV 89507; PH 702-784-6701.
Asst Professor, Div of Agr & Res Econ, Univ of NV (03) 07, 08.
b. 1946 Nevada; M.
BS 1968, MS 1971 Univ of NV: PhD 1976 NC St Univ.
Fields: 121, 016, 081, 020.
Prev Emp: Res Asst, NC St Univ, Raleigh 1971-75; Res Asst-Assoc, Univ of NV 1968-71.
Pub: An Analysis of Factors Affecting Agricultural Land Market Values: Churchill County, Nevada, Univ of NV, Reno 1970; The Agricultural Land Market in Nevada: Phase I, Churchill County, Nevada, Agr Exp Sta, Univ of NV, Reno 1971; Labor Supply of Wives and Young Family Members in the Hired Farm Work Force, NC St Univ 1976.
Mbr: AEA.

SHANER, J. F., Valmont Ind Inc, Valley NE 68064; PH 402-359-2201.
Corp Econ, Valmont Ind Inc (51) 15, 17, 10.
b. 1943 California; M-2.
BS 1965 Univ of AR; MS 1968 Univ of MO; PhD 1973 NC St Univ.
Fields: 075, 111, 081.
Prev Emp: Corp Econ, Valmont Ind Inc, Valley NE 1975; Econ, Catepillar Tractor Company, Peoria IL 1972-75.
Pub: Subsidization of Public Higher Education in North Carolina, Dissertation.
Lang: Sp 2-2-2, Rus 3-3-3.
Mbr: AEA; NABE; AMA.

SHAPIRO, Kenneth H., School of Natural Resources, Univ of Michigan, Ann Arbor MI 48108; PH 313-764-9490.
Asst Professor, Univ of MI (03) 08, 07.
b. 1942 New York; M-1.
BS 1963 Cornell Univ; MS 1967 Univ of MD; MA 1972, PhD 1974 Stanford Univ.
Fields: 073, 016, 020, 154.
Pub: Sources of Technical Efficiency, Economic Devl & Cultural Change 1976; Measuring Modernization Among Tanzanian Farmers, Formal Methods in Econ Anthropology 1975.
Lang: Fr 2-2-2, Swahili 3-3-3.
Mbr: AEA.

SHAPOURI, Hosein, 205-C Dept of Agr Econ, Washington St Univ, Pullman WA 99163; PH 509-335-1690.
(03) 23, 07.
b. 1942 Iran; Citz: Iran; M-1.
MS 1964 Univ of Tehran; MS 1975 Cornell Univ.
Fields: 014, 073.
Prev Emp: Res Asst, Inst of Econ Res, Iran 1967-72.
Pub: Land Reform, Iran 1972; The Impact of Credit on Iran Agriculture, MS Thesis Cornell Univ 1975.
Lang: Persian; Other: Eng 1-2-2.

SHARMA, V. V., 1680 University Drive, Mansfield OH 44904; PH 419-747-6561.
Assoc Prof of Econ, OH St Univ (03) 08, 07, 09.
Citz: USA.
MS 1966, PhD 1968 Univ of IL.

SHARP, Basil M.H., 301 Agr Hall, Dept of Agr Econ, Madison WI 53706; PH 608-262-3653.
Res Asst, Univ of WI (03) 23, 07.
b. 1945 New Zealand; Citz: New Zealand; M.
Dipl Agr 1968, Dipl VFM 1969, BAC 1974 Lincoln College, New Zealand.
Fields: 020, 062, 084. 064.
Prev Emp: Asst Prof, Lincoln College, Canterbury NZ 1973-74; Rural Appraiser, NZ Govt, Hamilton 1969-71.

SHARP, John W., Rm 326 Agr Adm Bldg, 2120 Fyffe Road, OH St Univ, Columbus OH 43210.

SHARP, Wayne W., Exec Off of President, White House 210, OEOB, Washington DC 20500; PH 202-456-6420.
Asst Dir, GS 18, Council of Intl Econ Policy (18) 18, 06, 03.
b. 1940 Texas; M-2.
BS 1962, MS 1964 TX A&M Univ; PhD 1968 MI St Univ.
Fields: 112, 111, 017, 091.
Prev Emp: Dep Dir, Bureau of Domestic Commerce, Washington DC 1974; Dep Asst Admn, FAS-USDA, Washington DC 1972-74; Agr Attache, Am Embassy, Guatemala 1970-72.
Pub: Trade Relationship Between EEC & Comecon, MI St Univ 1968; Application of Dynamic Linear Programming, TX A&M Univ 1964.
Lang: Sp 1-2-1, Fr 1-1-1, Rus 3-3-3.
Mbr: AEA; ASPA.
Hon: USDA Certificate of Merit 1972; AAEA MS Award 1965; Pres., Fed Exec Devl Prog 1974-75.

SHARPLES, Jerry A., Dept of Agr Economics, Purdue Univ, West Lafayette IN 47907; PH 317-749-2618.
Agr Econ & Assoc Prof, ERS-USDA, Purdue Univ (16) 07.
b. 1937 Ohio; M-3.
1955-56 Bowling Green St Univ; BS 1959, MS 1962 OH St Univ; PhD 1967 IA St Univ.
Fields: 017, 016.
Prev Emp: Agr Econ, ERS-USDA, Washington DC 1967-69, IA 1962-67, OH 1957-62.

Pub: Reserve Stocks of Grain, Agr Econ Rpt #304 ERS-USDA 1975; The Rep Farm Approach to...Supply Response, Am Econ Review 1969; Evaluation of a Firm Model... Supply Response, NCR Res Publ #179, 1968.
Mbr: IAAE; SAEA.
Hon: Am Men & Women of Science.

SHATAVA, James W., Dept of Agr Economics, Univ of Wisconsin, River Falls WI 54022; PH 715-425-3359.
Asst Professor, Univ of WI (03) 08, 07, 21.
b. 1944 Minneosta; U.
BABA 1966 Univ of MN; MS 1968 CO St Univ; PhD 1973 Univ of MN.
Fields: 020, 011, 016.
Pub: Wisconsin's 1973 Rural Real Estate Market, Univ of WI Res Report 1975.
Mbr: AEA; AAPSS.
Hon: Gamma Sigma Delta; Phi Kappa Phi.

SHAUDYS, Edgar T., 2120 Fyffe Road, Columbus OH 43210; PH 614-422-7922.
Professor, OH St Univ (03) 07, 02, 08.
b. 1928 Pennsylvania; M-4.
BS 1950 Wilmington College; MS 1952, PhD 1954 OH St Univ.
Fields: 012, 011, 022, 013.
Pub: Optimal Organization of Southeastern Ohio Farms, OARDC RB 1023, 1969; A Systematic Conceptualization of Farm Management, Jour of Farm Mgmt 1967.
Mbr: OH-SFM&RA, Sec Treas 1965 to date; Am-SFM&RA; College V. Pres 1969.
Hon: Who's Who in America; Am Men & Women of Science.

SHAW, Charles N., ERS-CED-USDA, 500 12th Street SW, Room 276, Washington DC 20250; PH 202-447-8376.
Agr Econ, USDA (16) 15, 07, 14.
b. 1939 West Virginia; M-3.
BS 1961, MS 1965 WV Univ; PhD 1973 PA St Univ.
Fields: 018, 014, 016, 015.
Prev Emp: Res Asst, WVU, Morgantown 1965-66; Grad Student, WVU, Morgantown 1963-66; Infantry Officer, US Army, US & Germany 1961-63.
Pub: Twice-Weekly Milk Delivery, WV Univ 1966; Economic Aspects of Dairying in the Northeast, ERS USDA 1970; Economic Effects of Resale Price Regulation on Market Performance in the Fluid Milk Industry, PA St Univ 1973.
Mbr: NEAEC; SAEA.
Hon: Am Men & Women of Science.

SHAW, Dale L., Dept of Agr Econ, Texas Tech Univ, Lubbock TX 79409; PH 806-762-7696.
Agr Econ, ERS-USDA (16) 07.
b. 1937 Michigan; M-2.
BS 1965 MI St Univ; MS 1967 Univ of AZ.
Fields: 014, 012, 011.
Prev Emp: Res Asst, Univ of AZ, Tucson 1965-66; Farmer, Michigan 1955-65.
Pub: Cotton Gin Operating Costs in West Texas, USDA, Washington DC 1975; Costs of Building and Operating Rice Drying and Storage Facilities in California, 1973, USDA, Washington DC 1974; A Systems Model of the U.S. Rice Industry, USDA, Washington DC 1971.
Mbr: WAEA.

SHAW, David J., World Food Programme, Via Della Terme di Carracalla, Rome, Italy.

SHAW, Robert D., Ford Foundation-Indonesia Field Office, 320 East 43rd Stre New York NY 10017.

SHEA, Patrick T., Michigan St Univ, 6-C Chittenden Hall, East Lansing MI 48824 PH 517-353-9610.
Grad Asst, MI St Univ (03) 23, 11.
b. 1949 Minnesota; M.
BS 1975 Univ of MN.
Fields: 014, 052.
Prev Emp: Trans, Univ of MN, St Paul 197
Lang: Fr 1-1-1.

SHEEHY, Seamus J., University College, Glasnevin, Dublin 9, Ireland.
Lctr, University College, Dublin (03) 08 07, 02.
b. 1935 Ireland; Citz: Ireland; M-3.
BAS 1957 Univ College, Dublin; PhD 1964 PA St Univ.
Fields: 017, 018, 011.
Pub: Selection of Representative Benchwork Farms, Jour of Farm Econ 1965; Agricultural Economics (Textbook) Dubl 1974.
Lang: Fr 2-0-0.
Mbr: AES-UK; Irish AES, Pres. 1973-74.

SHEFFIELD, Leslie F., 106 Agr Hall, Univ of Nebraska, Lincoln NE 68583; PH 402 472-2674.
Asst to V. Chancellor, Univ of NE (03) 01, 09, 07.
b. 1925 USA; M-3.
BS 1950, MS 1964 Univ of NE; 1965 Univ o MN; PhD 1971 Univ of NE.
Fields: 011, 012, 014, 021.
Prev Emp: Asst Dir, NE Coop Ext Serv & NE Agr Exp Station, Lincoln, 1971-75; Supr, Univ of NE, North Platte NE 1966 71.
Pub: Economic Analysis of the Costs & Returns for the Production of Corn Using Center Pivot Irrigation Systems Southw Nebraska, 1970, PhD Thesis 1971; The Cost of Center-Pivot Irrigation Now, Irrigation Age, St Paul MN 1975.
Lang: Ger 3-3-3, Sp 3-3-3.
Mbr: AWRA; NWRA.

Hon: Gamma Sigma Delta, Chrm Awards Comm 1974-75; Am Men & Women of Science; Who's Who in the Midwest; Chicago Board of Trade Fellowship Award 1963; NE-FFA Honorary St Farmer Award 1954.

SHEFRIN, Frank, Dept of Agriculture, 369 Sir John Carling Bldg, Ottawa, Ontario, Canada K1AOC5; PH 613-994-5571.
Director, Dept of Agr (26) 06, 18, 22.
b. 1913 Canada; Citz: Canada; M-2.
BSA 1934 Univ of Manitoba; MS 1947 IA St Univ; 1 year Univ of Chicago.
Fields: 017, 014, 016, 018.
Prev Emp: Chf-Prices-Demand Sect, FAO, Rome, 1951-53; Dir, Mktg Trade Div, Fed Dept of Agr, Ottawa 1964-69.
Pub: Demand Outlook for Canadian Agriculture, Resources for Tomorrow 1961; Demand Supply Projections for Canadian Agriculture-1980, Canada Dept of Agriculture 1968.
Lang: Eng 1-1-1.
Mbr: AIC; CAES; IAAE.
Hon: Who's Who in the UN & Related Agencies.

SHELDON, Norman L., Agr Econ Dept, ND St Univ, Fargo ND 58102; PH 701-237-7441.
Grad Asst, ND St Univ (03) 07, 23.
b. 1941 Minnesota; M-1.
BS 1964 Univ of MN; MS 1976 ND St Univ.
Fields: 014, 016, 019, 118.
Prev Emp: Agr Mktg & Proc Adv, ERS-USDA, Vietnam 1972-74; Agr Prog Asst, ERS-USDA Vietnam 1971-72; Agr Mktg & Proc Adv, ERS-USDA, Vietnam 1969-71.
Lang: Por 1-2-1, Vietnamese 2-3-2, Fr 1-2-3, Rus 2-3-3.

SHEN, Raphael, Columbiere College, Clarkston MI 48016.
27.
b. 1937 China; U.S. Resident; U.
MA (Phil) 1965 Berchmans College; MA (Soc) 1967 Xavier Univ, Philippines; MA (Econ) 1974, PhD 1975 MI St Univ.
Fields: 011, 017, 071.
Prev Emp: Asst Prof, Fu Jen Univ, Taiwan 1972-73.
Pub: Rural Economy in Taiwan, Letters From Asia 1975.
Lang: Chinese; Other: Eng 1-1-1.
Mbr: AEA.

SHEPARD, Herbert E., Room 403, 230 Congress Street, Boston MA 02110; PH 617-542-8636.
Asst Admn, Fed Milk Adm (21) 06.
b. 1926 Massachusetts; M-6.
BS 1948 Univ of MA; MPA 1953 Harvard Univ.
Fields: 014, 091.
Prev Emp: County Agent, Middlesex County, Concord MA 1948-53.
Mbr: ASPA.

SHEPHERD, Geoffrey S., Dept of Economics, Iowa St Univ, Ames IA 50010.
Prof-Emeritus, IA St Univ (03) 18, 22, 26.
b. 1898 England; Citz: USA; M-5.
BSA 1924 Univ of Saskatchewan; MS 1925 IA St Univ; PhD 1932 Harvard Univ.
Fields: 014, 017, 016.
Prev Emp: Econ Cons, Inter Am Devl Bank, Paraguay 1974-75, Venezuela 1972-73; Econ Cons, Weitz-Hettelsater, Kansas City & Indonesia 1971-72.
Pub: Marketing Farm Products, IA St Univ Press 1969; Agricultural Price Policy, IA St Univ Press 1959; Agricultural Price Analysis, IA St Univ Press 1968.
Lang: Sp 1-2-2.
Hon: Fellow of AAEA 1975; V. President AAEA 1951.

SHEPPARD, Frank W. Jr., c/o Leo Moon, Vice Pres, University Natl Bank, College Station TX 77840.
Asst Dir for Agr Devl, AID (24) 03, 22, 09.
b. 1921 Texas; M-3.
BS 1947, ME 1951 TX A&M Univ; EdD 1970 Cornell Univ.
Fields: 118, 031, 073, 017.
Prev Emp: Rural Devl Prog Mgr, Bangkok, 1963-68; Rural Devl Spec, TX Ext Serv, College Station TX 1958-63; Tchr Vo-Agr, TX Educ Agency, Hutto TX 1947-52.
Pub: Designing Agricultural Modernization Strategy Through Systems Analysis, PhD Thesis 1970; A Plan for Thai Community Development Training, AID, Bangkok 1962.
Mbr: RSS; SAA; SID.
Hon: Phi Kappa Phi; Dist Honor Award, AID 1975; Golden Plow Award, Philippine Govt 1974.

SHERROD, Terence L., Dept of Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-1490.
Res Asst, WA St Univ (03) 23, 07.
b. 1946 Washington; M-1.
BA 1973 E WA St College; PhD 1976 WA St Univ.
Fields: 011, 012, 017, 030.
Mbr: WAEA.

SHIAU, Way-Hu, U-21, Dept of Agr Econ, Univ of Connecticut, Storrs CT 06268; PH 203-429-2140.
Grad Res Asst, Univ of CT (03) 07.
b. 1948 Taiwan; Citz: Rep of China; U.
BS 1972, MS 1975 Natl Taiwan Univ; 1975 to date, Univ of CT.
Fields: 081, 014, 063, 101.
Prev Emp: Grad Asst, Natl Taiwan Univ, 1973-75.
Pub: A Study on the Structure, Conduct & Performance of Fishery Wholesale Market of Taiwan, Taipei 1975.

Lang: Chinese; Other: Eng 1-1-2; Jap 3-3-3.
Mbr: Agr Assoc of China; AEA of China; AMA of China.
Hon: First Prize of MS Thesis AEA of China; Phi Tau Phi; Gamma Sigma Delta.

SHIN, Soon-Woo, 153-1 Bookahyun-Dong, Seodaemoon-Ku, Seoul, Korea.

SHIPLEY, John L., Box 1, Bushland TX 79012; PH 806-376-2569.
Assoc Professor, TX Agr Exp Station (03) 07.
b. 1921 Texas; M-1.
BS 1942, ME 1954, PhD 1966 TX A&M Univ.
Fields: 021, 011, 012.
Prev Emp: Asst Prof, W. TX St Univ, Canyon TX 1957-62; Farm Dir, Kome Radio & Television, Texarkana TX 1956-57; Instr, Texarkana College 1954-56.
Pub: Farmers' Attitudes - All Risk Crop Insurance, TX A&M Univ 1968; Econ Weed Control in Sorghum & Wheat, TX A&M Univ, 1969; Econ Alternatives Grazing Wheat, TX A&M Univ 1972.
Lang: Sp 2-3-3.
Mbr: WAEA; Prof Agr Workers of TX.
Hon: Am Men & Women of Science; Who's Who in the South & Southwest.

SHUGARS, Owen K., ERS-USDA, 500 12th Str, SW, Washington DC 20250; PH 202-447-5327.
Agr Econ, ERS-USDA (16) 07.
b. 1929 Ohio; M-2.
BS 1958 Univ of KY; 2 Years Univ of MD.
Fields: 011, 014.
Pub: Structural Characteristics of Flue-Cured Tobacco Farms, Washington DC 1975; Potential Mechanization in the Flue-Cured Tobacco Industry, Washington DC 1969.

SHULSTAD, Robert N., Dept of Agriculture, ERS, Univ of Arkansas, Fayetteville AR 72701; PH 501-575-2256.
Asst Professor, Univ of AR (03) 07, 08.
b. 1946 Illinois; M-2.
BS 1968, MS 1970 Univ of WI; PhD 1974 OR St Univ.
Fields: 026, 020, 030.
Prev Emp: Grad Res Asst, OR St Univ, Corvallis 1969-73; Tchg Asst, OR St Univ, Corvallis OR 1972; Res Asst, Univ of WI, Madison 1968-69.
Pub: Externalities Relating to Environment & Natural Resources, IA St Univ Press 1975; Readings in Natural Resource Economics, Book MSS Information Corp, New York 1974; Economic Feasibility of Marine Facilities at DeGray Lake, Arkansas, AR Agr Exp Sta Spec Rpt 1975.
Mbr: SAEA; SAAS.
Hon: Alpha Zeta; Sigma Xi.

SHUMAN, Charles B., Route # 1, Sullivan IL 61951.
(76) 26, 27, 21.
b. 1907 Illinois; M-5.
BS 1928, MS 1929 Univ of IL; PhD (Hon) 1956 Millikin Univ; PhD (Hon) 1958 DePauw Univ; PhD (Hon) 1972 So. IL Univ
Fields: 017, 014.
Prev Emp: Pres, Am Farm Bureau Fed, Chicago IL 1954-70; Pres, IL Agr Assoc, Bloomington IL 1945-54.
Mbr: AAH.
Hon: Who's Who in America; Intl Who's Who

SHUMWAY, L. Richard, Dept of Agr Econ, Texas A&M Univ, College Station TX 77843; PH 713-845-4911.
Assoc Professor, TX A&M Univ (03) 07, 08
b. 1943 Arizona; M-4.
BS 1965, MS 1967, PhD 1969 Univ of CA, Davis.
Fields: 016, 011, 105.
Prev Emp: Asst Prof, NC St Univ, Raleigh 1971-74; Captain, US Army, Moffett Field, CA 1969-71; Agr Econ, USDA, Davis CA 1967-69.
Pub: Regional Resource Use in California Giannini Foundation Monograph 1970; Allocation of Scarce Resources to Agricultural Research, AJAE 1973; Diffuse Decision Making in Hierarchical Organizations, Management Science 1975.
Mbr: AEA; SAEA; WAEA.
Hon: Am Men & Women of Science; Outstanding Young Men of America; Personalities of the South; AAEA Published Res Award WAEA Published Res Award.

SHWEDEL, S. Kenneth, Dept of Agr Economi MI St Univ, East Lansing MI 48824.
Res Assoc, MI St Univ (03) 23, 07.
b. 1946 Michigan; M.
BA 1968 Oakland Univ; MS 1973 MI St Univ
Fields: 014, 070.
Lang: Sp 1-1-1.

SIDDLOUL, A. R., Plng & Devl Dept, Govt of Baluchistan, Quetta, Pakistan.

SIDHU, Surjit, S., Devl Center, 402 First Fed Bldg, Florence AL 35620.
Econ, The Intl Fertilizer (60) 07.
b. 1930 India; Citz: India; M-2.
BS 1952 Punjab Univ, India; MS 1966 UT St Univ; PhD 1972 Univ of MN.
Fields: 011, 016, 017, 014.
Prev Emp: Asst Prof, Univ of MN 1973-76; Sr Lctr, Appl Econ, Univ of Dar Es Salaam 1973-76; Res Assoc, Univ of MN 1972-73.
Pub: Economics of Technical Change in Wheat Production in the Indian Punjab, AJAE 1974; Relative Efficiency in Whea Production, AER 1974; Productive Value of Education, ASSC Proceedings of E. Africa 1974.

Lang: Punjabi; Other: Eng 1-1-1, Urdu 1-1-1, Persian 1-1-1.
Mbr: AER; IJAE.

SIEBERT, Jerome B., Room 317, Univ Hall, Univ of CA, Berkeley CA 94720; PH 415-642-3235.
Assoc Dir, Univ of CA - Coop Ext (03) 09.
b. 1938 USA; M-2.
BS 1960 Univ of CA, Davis; PhD 1964 Univ of CA, Berkeley.
Fields: 016, 017, 018, 081.
Prev Emp: Asst to Sec, USDA, Washington DC 1971-72; Exec Asst to Admn, USDA-CMS, Washington DC 1971; Asst to the Under Sec, USDA, Washington DC 1969-70.
Pub: Long Range Adjustment of Orange Packing Houses, Univ of CA, Berkeley 1964; Review and Analysis of California Egg Prices, Univ of CA, Berkeley 1969; Movements of Grade A Milk Supplies in California, Univ of CA, Berkeley 1968.
Lang: Sp 3-3-3, Fr 3-3-3.
Mbr: AEA.

SIEVERT, Dale M., 1015 North Sixth, Milwaukee WI 53203; PH 414-278-6510.
Teacher, Milwaukee Area Tech College (04) 08.
b. 1942 Wisconsin; M-2.
BS 1966, MS 1967 Univ of WI-Madison.
Fields: 073, 105, 026, 152.
Prev Emp: VP & Gen Mgr, DAL Corp, Muskego WI 1969-70; Field Agronomist, Green Bay Food Co, WI 1967-69.
Pub: Management of Farms With Forest Resources in Southwestern WI, Univ of WI, Madison 1970.
Lang: Sp 3-3-2.
Mbr: AEA; IAAE.

SILVA, Paulo R., Univ Fed do Ceara, Escola de Agr, Dpto De Econ, Agr, Av Mr Hull S/N CX Postal 354, Fortaleza, Ceara 60000 Brazil; PH 0812-23-1514.
Univ Fed do Ceara (03) 08, 07, 09.
b. 1941 Brazil; Citz: Brazil; M-3.
BS 1964, MS 1967 Univ Fed Ceara; MA 1973, PhD 1974 MI St Univ.
Fields: 011, 047.
Lang: Portuguese; Other: Eng 1-1-1, Sp 1-1-1.

SILVEIRA, Lourival P., Esplanada dos Ministerios, Bloco 8, 7° Andar Suplan, Brasilia DF 70000 Brazil; PH 0612-24-4636.
Econ Adv, Ministry of Agr (78) 06, 18.
b. 1944 Brazil; Citz: Brazil; M-2.
BS 1968 Univ de Brasilia; MS 1976 OK St Univ; Spec in Agr Plng 1969 Onu Cepal Ilpes.
Fields: 017, 035.
Prev Emp: Econ Adv, INCRA, Brasilia, 1971-73; Econ Adv, SUPLAN MA, Brasilia 1968-70.
Lang: Portuguese; Other: Eng 1-2-2, Sp 1-3-2.
Mbr: Conselho Reg Econ Professionias Brasilia.

SILVESTRE, Helios, Torre Diamen Piso 1, Chuao-Caracas, Venezuela.
Head of Div, Ministry of Public Works (26) 06, 15.
b. 1937 Spain; Citz: Venezuela; M-4.
Ing-Agr 1960 Central Venezuela; PhD 1969 Cornell Univ.
Fields: 021, 016, 081, 084.
Prev Emp: Head of Div, Ministry of Public Works, Venezuela 1972.
Pub: Demand Analysis, Cornell Univ 1969.
Lang: Spanish; Other: Eng 1-1-1, Fr 2-2-3.
Mbr:Soc Ven Planificacion; Colegio de Ingenieros de Ven; Soc Ven de Ing Agr.

SIMMONS, Emmy B., Ministry of Plng & Econ Affairs, Monrovia, Liberia, Africa.
Sr Res Officer, Ministry of Plng & Econ Affairs (78) 07, 15, 14.
b. 1941 Wisconsin; M.
BA 1965 Univ of WI; MS 1968 Cornell Univ.
Fields: 050, 070, 015, 084.
Prev Emp: Lecturer-Res, Inst for Agr Res, Zaria, Nigeria 1969-73; Jr Anal, Heinz Company, Pittsburgh 1968; Res Assoc, Reg Econ, Devl Inst, PA 1967-68.
Pub: The Small-Scale Rural Food Processing Industry in Northern Nigeria, Food Res Inst Studies 1975; Rural Household Expenditures in Three Zaria Villages, Samaru Misc Paper, Zaria 1975.
Lang: Hausa 3-0-2, Fr 1-0-2.
Mbr: W. African Assoc of Agr Econ.
Hon: Thesis Award from AAEA 1968.

SIMMONS, John L., 1818 H Street, Washington DC 20433; PH 202-477-5467.
Econ, World Bank (66) 07, 18, 08.
b. 1938 USA; M-1.
BA 1963 Harvard College; D Phil 1966 Cornell Univ.
Fields: 041, 072, 011, 124.
Prev Emp: Lectr, Princeton 1972- to date; Lectr, Harvard Univ, MA 1970-72; Res Fellow, Harvard Univ 1966-70.
Pub: Agricultural Credit & Associated Variables: A North Syrian Village, Dissertation 1966; Cocoa Production: Economic & Botanioal Perseptives, Praeger 1976; Education Poverty & Development, World Bank 1974.
Lang: Fr 1-2-1.
Mbr: IAAE; AEA; CIEA.

SIMONDS, Lois A., 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-6971.
Ext Econ, OH St Univ (03) 09, 08, 07.
b. 1929 Ohio; U.
BS 1951, MS1958, PhD 1957 OH St Univ.

Fields: 051, 014, 017.
Prev Emp: Ext Home Econ, OH St Univ, Elyria 1953-57, Marion 1951-53.
Pub: Your Food, Columbus OH 1975; Consumer and the Market Place, Columbus OH 1967, Revised 1975; Variations in Food Costs, Columbus OH 1967.
Lang: Fr 1-0-0.
Mbr: AMA, Local Sec 1969-70, V. Pres 1970-71; AHEA; ACCI.
Hon: Am Men & Women of Science; Who's Who in the Midwest; Outstanding Res on Consumer Prob of Families, ACCI 1970; Outstanding Dissertation Res Award, ACCI 1968.

SIMPSON, James G.P., Rua da Bahia, 888 5° Andar, Belo Horizonte, MG 30000, Brazil; PH 031-226-4599.
Eng, INDI (40) 22.
b. 1948 Brazil; Citz: Brazil; U.
BS 1969 Fed Univ of Vicosa.
Fields: 151, 010, 092, 152.
Prev Emp: Spec, ACAR-Ext Serv, Govt Valadares, MG 1972-73; Field Agent, ACAR Ext Serv, Aimores, MG, 1970-71.
Pub: Leadership in the Rural Area, Univ of Vicosa (Federal) 1969; The Indian Buffalo and its Possibilities, Federal Univ of Vicosa 1969; The Market for Animal Rations in Ma State, Belo Horizonte, MA 1974.
Lang: Portuguese; Other: Eng 1-2-1, Spa 1-3-2.

SIMPSON, James H., PO Box 5187, MS St Univ, Mississippi State MS 39762; PH 601-325-2750.
Assoc Professor, MS St Univ (03) 08, 07.
b. 1931 Mississippi; M-3.
BS 1953 MS St Univ; MS 1958 VPI & St Univ; 1961-64 OK St Univ.
Fields: 012, 013, 011, 022.
Prev Emp: Instr & Res Assoc, OK St Univ, Stillwater 1961-64; Farm Mgmt Spec, VA Coop Ext Serv, VPI & St Univ 1957-58.
Lang: Sp 3-0-3.
Mbr: MS-AEA; ASFM&RA, College V Pres 1970; SAEA, Sec Treas 1973 to date.
Hon: Alpha Zeta; Omicron Delta Epsilon; Tchg Award of Merit, Gamma Sigma Delta.

SIMPSON, James R., 1321 E Prospect Lane, Tucson AZ 85719; PH 602-793-0069.
Sr Econ, Inter Am Res Assoc (51) 15, 17, 18.
b. 1938 USA; M-2.
BS 1965, MS 1968 Univ of AZ; PhD 1974 TX A&M Univ; Doctor Hon Causa 1970, Univ Nacional Asuncion.
Fields: 073, 014, 011, 015.
Prev Emp: Coop Adv, Coop League of US, Chile, 1975; Asst Prof, NM St Univ, Paraguay, 1969-70; Agr Devl Econ, Robert Nathan & Associates, Puerto Rico 1968.
Pub: Disaggregated Input-Output Models as an Economic Development Policy Tool, AJAE 1975; Costs and Returns in a Study of Common Property Range Improvements, Jour of Range Mgmt 1971; American Agriculture and the Prophecy of Increasing Misery: Comment, AJAE 1974.
Lang: Sp 1-1-1.
Mbr: IAAE; SAEA; EHA.
Hon: Alpha Zeta; Gamma Sigma Delta; Doctor Honoris, Causa Univ Nacional de Asuncion.

SIMS, Fay M., 305 Mumford Hall, Dept of Agr Econ, Univ of Illinois, Urbana IL 61801; PH 217-333-0502.
Prof & Asst Head of Ext, Univ of IL (03) 09, 02.
b. 1919 Illinois; M.
BS 1941 Univ of IL; IA 1943 Grad Sch of Bus Adm, Harvard Univ; MS 1959 Univ of IL.
Fields: 012, 011.
Prev Emp: Farmer, Self-Employed, Hebron IN 1950-59; Asst Mgr, Will Co Coops, Joliet IL 1947-50; Agr Spec, US War & State Dept, Stuttgart, Germany 1946-47.
Pub: Illinois Test Demonstration Program, Univ of IL 1959.
Mbr: ASFM&RA, Chrmn-Ed Comm; IL-SFM&RA, Sec. Treas, V. Pres, Pres.
Hon: Presidential Commendation (President Nixon) for Devl of Farm Income Tax Schools; Epsilon Sigma Phi Innovative Ext Program.

SIMUNEK, Richard, 252 Ninth Street NE, Washington DC 20002.

SINCLAIR, Robert O., Dept of Agr & Res Econ, 178 South Prospect Street, Burlington VT 05401; PH 802-656-3036.
Prof & Chairman, Univ of VT (03) 08, 07, 02.
b. 1922 USA; M-2.
BS 1944, MS 1955 Univ of VT; PhD 1958 MI St Univ.
Fields: 017, 039, 011, 013.
Prev Emp: Co Agr Agt, VT Ext Service, Montpelier VT 1944-53.
Lang: Fr 2-3-3, Ger 3-3-3.
Mbr: AAUP; IAAE; NAEC, Chrmn 1967.
Hon: Am Men & Women of Science.

SINDT, Roger P., Real Estate Res Center & Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-2036.
Asst Professor, Real Estate Res Center, TX A&M Univ (03) 07, 08.
b. 1943 Nebraska; M-2.
BS 1964, MS 1969 Univ of NE; PhD 1972 TX A&M Univ.
Fields: 034, 038, 022, 094.
Prev Emp: Res. Asst-Assoc, TX A&M Univ, 1969-72; Res Asst, Univ of NE 1967-69.

Pub: Texas Housing Overview 1960-70, TX A&M Univ Press 1973; Land Use & Rural Subdivision Development, TX A&M Univ Press 1975; Factors to Consider in Land Purchases, TX A&M Univ Press 1975.
Lang: Fr 3-0-0.
Mbr: Am Real Estate & Urban Econ Assoc.
Hon: Gamma Sigma Delta.

SINGH, Ashok K., PO Box 415, Denmark SC 29042; PH 803-793-3346.
Assoc Prof, Voorhees College (03) 08.
b. 1939 India; Citz: India; M-3.
BS 1961 Univ of Gorakhpur; MS 1964 Agra Univ; PhD 1971 OR St Univ; 1975- to date Univ of So CA.
Fields: 141, 095, 093, 062.
Prev Emp: Res Assoc, OR St Univ, Corvallis 1971-73; Mktg Supr, Varanasi, India 1964-66.
Pub: Farm Machinery Merchandising: Farmers and Dealers Preferences Concerning Used Equipment Guarantees, Information Centers, Corvallis OR 1970; Economics of Sannhemp Production, Agra, India 1964.
Lang: Hindi; Other: Eng 1-1-1.
Mbr: SEA.
Hon: Outstanding Educ of America.

SINGH, Gurbachan, Dept of Econ & Soc, Punjab Agr Univ, Ludhiana, Punjab, India.

SINGH, Harmit, Canfarm, PO Box 1024, Guelph Ontario, Canada; PH 519-821-8000.
Econ, Fed Govt of Canada (26) 20, 15, 18.
b. 1944 India; Citz: Canada; M-1.
BS 1964 Punjab Agr Univ; MS 1972, MA 1976 Univ of Guelph.
Fields: 013, 081, 135, 017.
Prev Emp: Sess Lctr, U of Guelph, 1971-72.
Pub: Impl to Ont. of Changes Taking Place in U.S. Feed Gr. Bus., Univ of Guelph 1971.
Lang: Punjabi; Other: Eng 1-1-1.
Mbr: CAES; CEA.

SINGH, Inderjit, Devl Econ, D-500 World Bank, 1818 H Street NW, Washington DC 20433; PH 202-477-4551.
Econ, World Bank (66) 07.
b. 1941 Pakistan; Citz: India; M-1.
BA 1960 Delhi Univ; MBA 1963, MS 1966, PhD 1971 Univ of WI.
Fields: 073, 075, 084, 011.

Prev Emp: Asst-Assoc Prof, OH St Univ, Columbus 1969-75.
Pub: A Dynamic Model of Regional Agricultural Development, Intl Regional Sci Review 1975; Recursive Programming Models of Agricultural Development, Studies in Econ Planning Over Space & Time 1974; A Microeconometric Chronicle of the Green Revolution, EDCC, July 1975.
Lang: Punjabi; Other: Hindi 1-1-1, Rus 2-2-3.
Mbr: AEA; Indian Soc of AE; ES.

SINGH, Ranjit H., Dept of Agr Econ, Univ of Manitoba, Winnipeg, Manitoba, Canada R3T2N2; PH 204-474-9670.
Res Assoc, Univ of Manitoba (03) 07, 23.
b. 1941 Trinidad, West Indies; Citz: Trinidad; M.
BS 1965, MS 1972, PhD 1976 Univ of Manitoba.
Fields: 020, 077, 013.
Prev Emp: Res Assoc, Univ of Manitoba, Canada 1974; Res Econ, Agr Devl Bank, Trinidad, WI 1973; Res Assoc, Univ of Manitoba, Canada 1972.
Pub: Economic Analysis of Irrigation in Southwest Manitoba, Univ of Manitoba 1972; Benefit-Cost Analysis of Agricultural Drainage Projects, Univ of Manitoba 1973; Analysis of Hog Industry in Trinidad and Tobago, Agr Devl Bank, Trinidad 1973.

SINGH, Surendra P., Dept of Rural Devl, Tennessee St Univ, Nashville TN 37203; PH 615-320-3473.
Asst Prof, TN St Univ (03) 07, 08.
b. 1944 India; Citz: India; M.
BSC 1963, MSC 1965 Agra Univ; PhD 1972 PA St Univ.
Fields: 040, 011, 031, 070.
Prev Emp: Res Assoc, TN St Univ, Nashville TN 1972-73; Grad Res Asst, PA St Univ, University Park PA 1967-72.
Pub: A Prelude to Rural Development, Bull TN St Univ 1974; Causality in Economic Models, The Faculty Journal, TN St Univ 1975.
Lang: Hindi; Other: Eng 1-1-1, Urdu 3-3-2.
Mbr: IAAE; CDS, Mbr Res Comm; SAEA.

SINGLETON, Carey B. Jr., 4908 Hollywood Road, College Park MD 20740; PH 301-345-4784.
Cons Econ, Self Employed (75) 07, 18, 22.
b. 1930 Washington DC; M-2.
BS 1951, MA 1953 Univ of MD; MBA 1960 Am Univ; PhD 1974 Univ of Edinburgh.
Fields: 073, 112, 043, 014.
Prev Emp: Cons Econ, USAID, Wahsngton DC 1975; Cons Econ, NEAR E. Foundation, NYC 1974; Agr Econ USDA, Wahsington DC 1960-73.
Pub: Kenya: Effect of Small Holder Irrigation Farming, PhD Thesis, Univ of Edinburgh, Scotland 1974; Livestock Marketing in Mauritania, USAID, Washington DC 1975; Economic Development of Kenya, ERS-USDA, Washington DC 1974.
Lang: Fr 3-3-3, Sp 3-3-3.
Mbr: AEA; AAG; EEA.
Hon: Scholarship Univ of Paris (Sorbonne); African-Am Scholarship to Study in Kenya 1973.

SISLER, Daniel G., 16 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-5453.

Professor, Cornell Univ (03) 08, 07.
b. 1929 New York; M-2.
BS 1956, MS 1958 Purdue Univ; PhD 1962 Cornell Univ.
Fields: 110, 073, 017, 111.
Prev Emp: Vstg Prof, Yale Univ, New Haven 1969-70; Grad Asst, Purdue Univ, W. Lafayette IN 1956-57.
Pub: The Role of International Trade in the Process of Economic Development, Proceedings Intl Agr Econ Assn 1970.
Mbr: Natl Academy Sicence.
Hon: NY St Univ Chancelor's Award for Tchg 1973; Prof of Merit Award, Cornell 1964; Outstanding PhD Award AAEA 1962.

SISSON, Phillip F., 345 Merchandise Mart, Chicago IL 60654; PH 312-222-6966.
Mgr-Econ Res, Quaker Oats Co (51) 15, 07.
b. 1933 Ohio; D-4..
BS 1954, MS 1959 OH St Univ.
Fields: 016, 018.
Prev Emp: Supr-Econ Res, Ralston-Purina, St Louis MO 1964-65; Mgr, Mktg Res, Pillsbury, Minneapolis MN 1959-64.
Mbr: Chicago Agr Econ Club, Chrmn 1973-74.

SITOMPUL, Toga M., Jalan Waru 28, Rawamangun, Jakarta, Indonesia.

SITTERLEY, John H., OH St Univ, 2120 Fyffe Road, Room 212, Columbus OH 43210; PH 614-422-2641.
Prof Emeritus, OH St Univ (03) 07, 20, 26.
b. 1905 Ohio: M-2.
BS 1928, MS 1932, Phd 1944 OH St Univ.
Fields: 022, 012, 118, 073.
Prev Emp: Cons, Malaysia & Washington DC 1975; Prof, OH St Univ, Columbus 1947-74; Chf of Party, OSU-USAID, Brazil, 1964-68.
Pub: History of Dept of Agricultural Econ & Rural Sociology at Ohio St Univ, OH St Univ 1970; Land Use in Ohio 1900-197 How & Why It Has Changed, OADC Bull 1083 1976; The Effect of Weather on the Days Available to do Selected Crop Operations in Central Ohio, 1937-1956, OH St Univ 1960.
Lang: Por 3-0-3.
Mbr: IAAE; Eur Soc of Rural Soc; OH-SFM& RA, Sec. Treas 1944-57.
Hon: Who's Who in the Midwest; Am Men & Women of Science; OSU Alumni Award for Dist Tchg; College of Agr & Home Econ Dist Alumni Award.

SJO, John, Dept of Econ, Kansas St Univ, Manhattan KS 66506; PH 913-532-6702.
Professor, KS St Univ (03) 08, 07.
b. 1923 Kansas; M-2.
BS 1949, MS 1951 KS St Univ; PhD 1960 MI St Univ.
Fields: 032, 040.
Prev Emp: Agr Officer, Dept of State, Copenhagen, Denmark 1952-53.
Pub: Econ for Agriculturalists, GRID 1976.
Mbr: IAAE.

SKINNER, Michael J., U.S. Forest Service, 630 Sansome Street, San Francisco CA 94111; PH 415-556-5887.
Economist, Forest Service, USDA(23) 15. 19.
b. 1944; M.
BS 1967 Univ of CA, Berkeley; MS 1968 Univ of CA, Davis.
Fields: 020,094, 035.
Prev Emp: Agr Econ, USDA-ERS, Berkeley CA 1971-75.
Pub: Arkansas White-Red Basin, Plan of Work, USDA Reprot 1974: San Babrier River Basin, USDA Report 1974; Impact of Forest Service Programs in New Mexic USDA Report 1973.
Hon: Honors at Entrance-UC Berkeley 1962; Dist Military Grad UC Davis 1968.

SKINNER, Robert A., Dept of Agr Econ, Texas A&M Univ, College Station TX 77843.

SKOLD, Melvin D., Dept of Economics, CO St Univ, Fort Collins CO 80523; PH 303-482-1279.
Agr Economist, Econ Res Serv (16) 07, 06, 08.
b. 1936; M.
BS 1958, MS 1959 CO St Univ; PhD 1963 IA St Univ.
Fields: 010, 020, 017, 080.
Prev Emp: Assoc Prof, CO St Univ, Fort Collins 1967-70; Asst Prof, KS St Univ Manhattan 1965-67; Dep Dir, CED-ERS-USDA, Washington DC 1972-74.
Pub: Cattle Raising in the U.S., ERS-USDA 1970; Projections of U.S. Agr Capacity & Interregional Adjustments in Production With Spatial Prg Models, IA St Univ 1965.
Mbr: WAEA; IAAE.
Hon: Travel Grant IAAE 1967; Quality of Communication, Pub Res AAEA 1974.

SLAMA, Abdelmagid, CNEA, 1 Rue Oum Kaltoum Tunis, Tunisia, Africa; PH 255-507.
Dir General, Centre Natl Des Etudes Agr (26) 19, 18, 15.
b. 1943; Citz: Tunisia; M-1.
Dipl of Ing 1967 Univ of Tunis; MS 1971 Univ of MN.
Fields: 017, 014, 073, 121.
Prev Emp: Planner, Mins of Agr, Tunis; Lectr, World Bank (EDI) Washington Planner Mins of Agr, Tunis.
Lang: Fr-Arabic; Other: Eng 2-2-2, FR 2-2-2.
Mbr: IAAE.

SLANE, Thomas C., Dept of Agr Econ & Rura Soc, 301 Weaver Bldg, Penn St Univ, University Park PA 16802; PH 814-863-0019.
Grad Res Asst, PA St Univ (03) 23.
b. 1948; M.
BS 1970 Rutgers Univ; MS 1974 Univ of MA.

Fields: 014, 081, 011, 026.
Prev Emp: Grad Res Asst, Univ of MA, Amherst 1972-74.
Pub: An Economic Analysis of Methane Generation Feasibility on Commercial Egg Farms, Proceedings 3rd Intl Symposium on Livestock Wastes, ASAE 1975; An Economic Analysis of Methane Generation: Internal Costs and External Benefits, MA Agr Exp Sta Res Bull #618, 1975; Greenhouse Linear Programming, Coop Ext Serv, Unif of MA Ext Publ #93, July 1973.
Lang: Fr 3-3-3.
Mbr: AEA; NAEC.

SLAUGHTER, Rudie W. Jr., 705 Hitt Street, Columbia MO 65201; PH 314-882-4825.
Agr Economist, ERS-USDA (16) 07.
b. 1931; M-4.
BS 1953 Univ of MO; MS 1964 Univ of MO; PhD 1967 Univ of IL.
Fields: 017, 014.
Prev Emp: Br Chf, FPED-ERS-USDA, DC 1972-73; Information Dir, MO Farm Board Fed, Jefferson City MO 1960-61; Pub Ed MS Chemical Corp, Mississippi 1957-60.
Mbr: IAEA; SAEA Ed Board.

SLEIGHT, Lynn G., CED-ERS-USDA, Washington DC 20853; PH 202-447-9116.
Agr Econ, USDA (16) 07.
b. 1923; M-5.
BS 1948 UT St Univ; MS 1950, PhD 1971 Univ of IL.
Fields: 014, 015, 124.
Prev Emp: Asst, Univ of IL, Urbana 1968-69; Lt Col, US Air Force, US & Europe 1951-68; Asst, Univ of IL, Urbana 1948-51.
Pub: Union Restrictions on Innovations & Their Relationship to Performance, Thesis 1971; Compensating the "Human Costs" of Increased Productivity, AAEA Vol 56, No. 3 1974; Labor-Union Restrictions on Innovations in Fluid Milk, Univ of IL Bull #751, 1975.
Lang: Ger 2-2-2.
Mbr: NAEC.
Hon: Phi Kappa Phi; Alpha Zeta; Chi Gamma Iota.

SLOAN, Roby L., 230 South LaSalle Street, Chicago IL 60690; PH 312-322-5806.
Vice President, Fed Reserve Bank of Chicago (33) 04, 07.
b. 1938; M-3.
BS 1960, MS 1962 OK St Univ.
Fields: 013, 100.

SLOGGETT, Gordon R., Dept of Agr Econ, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Agr Economist, ERS-USDA (15) 07.
b. 1936; M-3.
BS 1962, MS 1964 Univ of NE.
Fields: 021.

SMALL, Leslie E., Dept of Agr Economics, Cook College, Rutgers Univ, New Brunswick NJ 08903; PH 201-932-9158:
Asst Professor, Rutgers Univ (03) 07, 08.
b. 1940; M-2.
BS 1962, PhD 1972 Cornell Univ.
Fields: 073, 038, 017.
Prev Emp: Asst Prof, So. IL Univ, Carbondale 1972-73; Regional Agr Adv, USAID, S. Vietnam 1965-66.
Pub: Returns to Public Investment in Water Control in Thailand, Rutgers Univ, Exp Sta Bull #842, 1975; Water Control and Development in Thailand, Southeast Asia, Vol 3, 1974; Economic Evaluation of Water Control in Thailand, Cornell Univ Intl Agr Bull #27, 1973.
Lang: Vietnamese 2-3-1, Fr 2-3-3.
Mbr: AEA; AAS.

SMALL, Richard P., 4839 South Bldg, Washington DC 20250; PH 202-447-6201.
Clearance Officer, SRS-USDA (22) 06.
b. 1928; M-2.
BS 1951 WA St Univ, Pullman.
Fields: 080, 081.
Prev Emp: Chf Crops Br, SRS-USDA, Washington DC 1973-74; Stat in Charge, SRS-USDA, Portland OR 1972-73.
Mbr: ASA; SSA, President 1969-70.

SMATHERS, Webb M. Jr., Room 709 Agr Science Center South, Univ of Kentucky, Lexington KY 40506; PH 606-258-9000.
Res Asst, Univ of KY (03) 23, 07.
b. 1948 North Carolina; M.
BA 1970 Univ of NC-Asheville; BA 1972, MS 1975 Univ of KY; 1975 to date Univ of KY.
Fields: 021, 026, 011, 062.
Prev Emp: Instr, Berea College, KY 1975; Mgmt, J.C. Penny Co, Asheville NC 1970; Postal Asst, US Postoffice, Asheville NC 1968.
Lang: FR 3-3-3.
Mbr: AEA; SAEA.
Hon: Omicron Delta Epsilon; Gamma Sigma Delta; BA 1972 With Honors.

SMETANA, Richard, 1939 Goldsmith Lane, Suite 210, Louisville KY 40218; PH 502-459-9913.
Dir of Commodity Analysis, Spring Valley Farms (51) 15, 07, 27.
b. 1937; M.
BS 1959 Rutgers Univ NJ; PhD 1964 PA St Univ.
Fields: 075, 159, 018, 081.
Prev Emp: Dir of Res, Clayton Commodity Service, Clayton MO 1970-73; Res Assoc, Univ of MO, St Louis 1969-70; Res Chemist Texaco Inc, Beacon NY 1964-69.
Pub: Thirteen U.S. Patents, Patent Office 1968-73; Synthesis, Resolution & Solvolysis L-Naphthyl, Carbinyl Systems, PA St Univ 1964.
Lang: Ger 2-3-3, Fr 2-3-3.

Mbr: AAAS; ACS.
Hon: Who's Who in America; Natl Sci Found; Sci Found Fellow; Ethel Corp Fellow.

SMITH, Allen G., 500 12th Street SW, ERS-USDA, Washington DC 20250; PH 202-447-7681.
Agr Econ, USDA (16) 07, 06.
b. 1922 Illinois; M-3.
BS 1943, MS 1966, PhD 1968, Univ of IL.
Fields: 016, 013, 087, 134.
Pub: Agricultural Projections to 1985, Proceedings Agr Mktg Assoc-Agr Chem Mktg Research Conference; Is There Disinvestment in the Farming Sector, AJAE 1972.
Mbr: WAEA; SAEA.
Hon: Alpha Zeta; Phi Kappa Phi.

SMITH, Blair J., 211 Weaver Bldg, PA St Univ, University Park PA 16802; PH 814-865-0469.
Assoc Professor, PA St Univ (03) 07, 08.
b. 1930 Pennsylvania; M-5.
BS 1953, MS 1958 PA St Univ; PhD 1968 NC St Univ.
Fields: 014, 011, 016, 093.
Prev Emp: Assoc Prof, Univ of GA, Griffin, 1968-74; Asst Prof, Univ of FL, Gainesville 1962-68; Pilot, US Navy 1953-57.
Pub: A Summary of 1962 Costs and an Economic Description of Dairy Farms in the Tallahassee Area, Univ of FL 1964; Dynamic Programming of the Dairy Cow Replacement Problem, Univ of FL 1973; Estimating the Relative Rurality of U.S. Counties, SJAE 1975.
Mbr: SAEA; NAEC; IAAE.
Hon: Gamma Sigma Delta; Am Men & Women of Science.

SMITH, Cecil N., Food & Resource Econ Dept, 1088 McCarty Hall, Univ of Florida, Gainesville FL 32611; PH 904-392-1860.
Professor, Univ of FL (03) 07, 08.
b. 1920 Virginia; M-4.
BS 1941 VPI & St Univ; MA 1947 Univ of VA; PhD 1957 Univ of CA, Berkeley.
Fields: 014, 073.
Prev Emp: Econ & Chf of Party, USAID/FL, Contract in Agr Devl, San Jose, Costa Rica, 1965-67; Vstg Prof of Agr Econ, So IL Univ 1962; Assoc Prof, VPI & St Univ 1951-52.
Pub: Citrus and Competing Products Sales, 1950-51, FL Agr Exp Sta 1955; The Role of Agriculture in Developing Societies, Naval War College Review 1969; Trends in the Florida Foliage Plant Industry, FL Agr Exp Sta 1969.
Lang: Sp 2-2-2.
Mbr: AEA; IAAE; SAEA.
Hon: Am Men & Women of Science; Who's Who in the South; V. Pres. FL St Horticultural Society 1973; Chrmn, Univ of FL, Senate Comm on Prof Relations & Standards 1973-75.

SMITH, Chester W., 428 So Warren Street, Syracuse NY 13202; PH 315-474-6581.
Sr. Econ, Northeast Dairy Coop Fed (52) 22, 15, 07.
b. 1914 Maine; M-4.
BS 1936 Univ of ME; MS 1937 MA St College
Fields: 017, 014, 112, 039.
Prev Emp: Actg Chf, Office of Price Stabilization, Washington DC 1952-53; Dir, Coop Dairy Econ Service, Boston MA 1945-51; Sr Mktg Spec, Dairy Div, AMS-USDA, Washington DC 1943-45.
Mbr: IAAE.
Hon: Alpha Zeta; Phi Kappa Phi.

SMITH, Daniel B., Room 285, Dept of Agr Econ & Rural Soc, Clemson Univ, Clemson SC 29631; PH 803-656-3475.
Assoc Professor, Clemson Univ (03) 09.
b. 1940 Alabama; M-2.
BS 1963 Auburn Univ; MS 1965 Univ of TN; PhD 1973 Univ of KY.
Fields: 011, 012, 018, 017.
Prev Emp: Field Underwriter, NY Life Ins Co, Auburn AL 1968-69; Farm Mgmt Spec, Auburn Univ, AL 1965-68.
Pub: An Evaluation of the Competitiveness of Beef Cattle Production for Resource Use in Selected Areas of Kentucky, Univ of KY 1973; An Analysis of Selected Livestock Practices and Enterprise Returns on Farms in the Elk River Watershed, Univ of TN 1965.
Mbr: SAEA; SC-SFM&RA.
Hon: Omicron Delta Epsilon.

SMITH, David K., Voorhies Hall, Univ of California, Davis CA 95616; PH 916-752-2219.
Post Grad Res Agr Econ, Univ of CA, Davis (03) 23, 07, 08.
b. 1945 CA; M-1.
BS 1972 CA St Polytech Univ, Pomona; MS 1974 Univ of CA, Davis.
Fields: 014, 017, 112, 016.
Prev Emp: Asst Prof, CA St Univ, Chico 1975; RA/TA Univ of CA, Davis 1972-76.
Mbr: AEA; WAEA.
Hon: Alpha Zeta; Gamma Sigma Delta.

SMITH, Dennis K., Dept of Agr Economics, VPI & St Univ, Blacksburg VA 24061; PH 703-951-6844.
Asst Professor, VPI & St Univ (03) 07, 08, 09.
b. 1941 Pennsylvania; M-2.
BA 1963 Allegheny College; MS 1965 Purdue Univ; PhD 1970 PA St Univ.
Fields: 031, 035, 026, 025.
Prev Emp: Asst Prof, Univ of DE, Newark 1970-74.
Pub: A Basebook for Rural Development, Univ of DE 1973; Industrial Plant Location Decisions, VPI & St Univ 1975; An Analysis of Comm. Ser. Expend., EDA 1975.
Mbr: RSA.
Hon: Omicron Delta Epsilon; Phi Gamma Mu.

SMITH, Donald G., 305 Mumford Hall, Dept of Agr Econ, Univ of Illinois, Urbana IL 61801.

SMITH, DuBois T., 118 Mary Avenue, Riverhead NY 11901; PH 516-727-8700.
President, DuBois T. Smith Equip Corp (51) 05.
b. 1931 USA; M-2.
BS 1967 Cornell Univ.
Fields: 091, 094, 095, 012.
Prev Emp: Sales Mgr, Vehicle Serv Coop, Port Jefferson NY 1969-71; Res Assoc Cornell Univ 1968-69; Farmer, Self Employed, ST James NY 1950-64.
Mbr: IAAE.

SMITH, Dwight L., 905 N. Waller, Box 46, Montgomery City MO 63361; PH 314-564-2204.
Asst Credit Mgr, Ralston Purina Co (51) 10, 17, 14.
b. 1947 Missouri; M.
BS 1970, MS 1972 Univ of MO.
Fields: 094, 090, 095, 093.
Prev Emp: Purina Salesman, Ralston Purina Company, Marshalltown IA 1972-74; Sr Res Tech, Univ of MO 1971-72; Jr Res Tech, Univ of MO 1970-71.
Pub: Retail Merchandising of Beef, Pork & Poultry, Univ of MO, April 1974.
Mbr: MAC; NPPA.

SMITH, Earl B., 320 Robert S Kerr Ave, Oklahoma City OK 73101; PH 405-236-2727.
Dep Assessor, OK Co Assesors (40) 17.
b. 1910 Missouri; M-4.
BS 1931 Central College; MS 1935 Univ of WI; 1944-45 USDA Grad School, Washington DC.
Fields: 021, 012.
Prev Emp: Agr Econ, Bureau of Reclamation USDI, OK City 1955-73; Agr Econ, Bur of Reclamation, USDI, Huron SD 1947-55; Asst Agr Econ, Dairy & Poultry Bureau, USDA, Washington DC 1942-45.

SMITH, Edward G., Courthouse, Seminole TX 79360; PH 915-758-2241.
Asst Co Agent, TX Ext Service (17) 19.
b. 1951 Texas; M-1.
BS 1973, MS 1975 TX A&M Univ.
Fields: 014, 013, 018.
Mbr: TX Co Agents Assoc.

SMITH, Edward J., EDD-ERS-USDA, 500 12th Street SW, Washington DC 20250; PH 202-477-8366.
Agr Econ, ERS-USDA (16) 07.
b. 1911 Virginia; M-1.
BA 1936 PA St Univ; MS 1951, PhD 1955 Univ of WI.
Fields: 072.

SMITH, Eldon D., Dept of AGr Econ, Univ of Kentucky, Lexington KY 40503; PH 606-257-3616.
Professor, Univ of KY (03) 07, 08, 22.
b. 1922 USA; M-2.
BS 1948, PhD 1954 Univ of WI.
Fields: 072, 073, 031, 014.
Prev Emp: Assoc Prof, Univ of TN, Knoxville 1947-55; Asst Prof, Univ of FL, Gainesville 1954-55.
Mbr: SAEA; Am Civil Liberties Union.

SMITH, Ernest B., Food & Res Econ, 1130 McCarty Hall, Univ of Florida, Gainesville FL 32611; PH 904-392-2341.
Agr Economist, USDA (16) 07, 23.
b. 1950 Tennessee; M.
BS 1972, MS 1974 MS St Univ.
Fields: 011, 016, 081.
Prev Emp: Res Assoc, MS St Univ 1974.
Pub: Cost of Est & Maintenance Forage Crops in the Yazzo-Mississippi Delta, 1974, MS St 1975.
Mbr: SAEA.

SMITH, Frank J., Dept of Agr & Applied Econ, 218 J, COB, Univ of Minnesota, St Paul MN 55108; PH 612-373-1093.
Professor, Univ of MN (03) 09, 07, 08.
b. 1924 California; M-4.
BS 1948 CA St Polytech; MS 1952 Purdue Univ; PhD 1961 , Univ of CA Berkeley.
Fields: 091, 094, 014, 015.
Prev Emp: Coop Agent Univ of CA, Berkeley 1953-58.
Pub: The Financing Mgmt of Agribusiness Firms, Univ of MN 1967; Managing the Agribusiness Five-Ten Acres, Univ of MN 1967.
Lang: Sp 3-0-0, Fr 3-0-0.
Hon: Dist Ext Prog Award, AAEA 1968.

SMITH, Frederick J., Dept of Agr & Res Econ, Oregon St Univ, Corvallis OR 97331; PH 503-754-1821.
Prof & Marine Econ, OR St Univ (03) 09, 07, 08.
b. 1936 New York; M-2.
BS 1958 Cornell Univ; MS 1962 OK St Univ; PhD 1964 NC St Univ.
Fields: 020.
Prev Emp: Assoc Prog Mgr, Office of Sea Grant NORR, Washington DC 1975-76; Vstg Prof, Dept Resource Econ, Univ of RI, Norwich, 1971-72; Farm Mgmt Spec OR St Univ 1964-68.
Pub: Fisherman's Business Guide (Book) Camden ME 1975; Farm Business Management, New York 1972; Economic Conditions of Selected Pacific Northwest Seafood Firms, OR Exp Sta Bull 1971.
Lang: Ger 0-0-3, Fr 0-0-3.
Mbr: Natl Fisheries Inst.
Hon: Am Men & Women of Science; AEA Cert of Merit for Agr Econ Ext 1969; AAEA Dist Ext Econ Prog Award 1975.

SMITH, George F., Box 1071, Univ of TN, Knoxville TN 37901; PH 615-974-7306.
Asst Prof, Univ of TN (03) 09.
b. 1941 New York; M-2.

BS 1963 Univ of CT; MS 1967 MT St Univ; PhD 1974 Univ of TN.
Fields: 030, 020.
Prev Emp: Agr Prog Rep, Peace Corps, Bolivia 1967-70; Volunteer, Peace Corps, Ecuador 1963-65.
Pub: An Evaluation of Environmental Quality: Opportunity Costs of Channelization & Land Use Change in the Flood Plain of the Ohio-Forked Deer Basin, Univ of TN 1975; Agriculture in Bolivia, An Overview, USAID/Bolivia 1970.
Lang: Sp 1-1-1.
Mbr: SAEA.
Hon: Gamma Sigma Delta; Sigma Xi.

SMITH, Glen F., PA Crop Reporting Serv, 2301 N Cameron Street Harrisburg PA 17120; PH 717-787-3904.
Agr Stat, USDA-SRS (22) 15, 19.
b. 1944 Indiana; M.
BS 1967 OH St Univ.
Fields: 014, 016.
Mbr: IASS.

SMITH, Glenn R., 3019 Tuckhoe Street, Arlington VA 22213.
Prin Agr Econ, CSRS-USDA (Retired) (76) 06, 07, 26.
b. 1905 North Carolina; M-2.
BS 1929, MS 1930 NC St Univ; PhD 1939 Cornell Univ.
Fields: 014, 012, 060.
Prev Emp: Prin Econ, CSRS-USDA, Wahsington DC 1948-73; Dir of Res, FCA 3rd District, Columbia SC 1940-48; Assoc Agr Econ, NC St Univ 1930-40.
Lang: Fr 3-0-0, Ger 3-0-0.
Mbr: SAEA; WAEA.
Hon: Am Men & Women of Science.

SMITH, Harold D., 1224 Symons Hall, Univ of Maryland, College Park MD 20742; PH 301-454-3744.
Assoc Dir, Coop Ext Serv, Univ of MD (03) 04, 09, 17.
b. 1921 Virginia; M-2.
BA 1943 Bridgewater College; MS 1947 Univ of MD; PhD 1952 Am Univ; Post Doctorate 1957-58 Univ of Chicago.
Fields: 091, 014.
Prev Emp: Acting Head, Univ of MD, College Park MD 1967-68; Prof, Univ of MD, Coll Park 1963-67; Asst-Assoc Prof, Univ of MD, College Park 1947-63.
Pub: Market Structure of the Sawmill Industry in the Handling of Forest Products in Maryland, Univ of MD 1968; A Review of Freight Rate Proposals Affecting the Maryland Poultry Industry, Univ of MD 1966; The Role of Meat Buying Specifications in Contract Livestock Production in Maryland, Univ of MD 1964.
Hon: Epsilon Sigma Phi; Farm Foundation Fellowship 1958; Phi Kappa Phi.

SMITH, J. N., Dept of Agr, SW MO St Univ, Springfield MO 65802; PH 417-831-1561.
Professor, SW MO St Univ (03) 08, 02.
b. 1931 Missouri; M-4.
1948-50 SW MO Univ; BS 1952, MS 1954, PhD 1964 Univ of MO.
Fields: 013, 016, 012, 017.
Prev Emp: Instr, Univ of MO, Columbia 19[illegible] 59.
Pub: Some Economic Aspects of the Marketing of Dairy Products in Northwest MO, MS Dissertation.
Mbr: Natl Assoc Colleges & Tchrs of Agr.
Hon: Am Men & Women of Sci; Who's Who in Midwest.

SMITH, Jackie G., Agr Econ Dept, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Res Asst, OK St Univ (03) 07, 23, 18.
b. 1949 Texas; M.
BS 1971 TX Tech Univ; MS 1973 Univ of FL.
Fields: 070, 030, 040, 141.
Prev Emp: NDEA Fellow, Univ of FL, Gainesville FL 1971-73; Undergrad Aide, TX Te Lubbock 1970-71; Self-Employed, Farmer, Roscoe TX 1967-70.
Pub: Short Run Forecasting Model for Canned Single Strength Grapefruit Juice Univ of FL 1973.
Mbr: SAEA.
Hon: Phi Eta Sigma; Gamma Sigma Delta.

SMITH, James L., 69 Edmund Road, Arlingt MA 02174; PH 617-641-0078.
Grad Student, Harvard Univ (Econ) (03) 2: 07.
b. 1950 Illinois; M.
BS 1972 Univ of IL; MA 1976 Harvard Univ
Fields: 027, 081, 062, 104.
Prev Emp: Res Assoc, Natl Bureau of Econ Res, Cambridge MA 1974-75.
Pub: The Economic Impact of the Federal Water Pollution Control Act Ammendment of 1972 on the Petroleum Refining Industry, NTIS 1975; Ranking the Quality of Economic Writing in Four Newsmagazines The Jour of Bus Communication 1973.
Mbr: AEA; ES.

SMITH, Kenneth D., Canada Permanent Trus Bldg, Edmonton, Alberta, Canada; PH 40 423-3371.
Lawyer, Coop Schloss (51) 27, 08, 07.
b. 1947 Canada; Citz: Canada; M.
BS 1970, MS 1974, LLB 1976 Univ of Alber
Fields: 159, 014, 094.
Prev Emp: Res Assoc, Alberta Govt, Edmon 1974; Mgr, Bank of Montreal, Edmonton 1972.
Pub: The New Canadian Beef Grades, Univ Alberta Ext Bull 1976.
Mbr: CAES; CEA; Canadian Bar Assoc.

SMITH, Mervin G., 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-7252.
Asst Dean, OH St Univ (03) 22, 08.
b. 1911 Indiana; M-4.
BSA 1933, PhD 1940 Purdue Univ; 1938 Univ of Chicago
Fields: 017, 013, 118, 014.
Prev Emp: Dept Chrmn, OH St Univ 1953-66; Assoc Prof, OH St Univ 1948-53.
Pub: Adjustments in Agriculture,A National Basebook, IA St Univ Press 1961.
Lang: Sp 1-2-2.
Mbr: Assoc, US Univ Dir of Intl Agr Prog, V. Chairman 1975-76, Sec Tr, 1974-75.
Hon: Who's Who in America.

SMITH, Raymond C., Dept of Economics, Univ of Maryland, Newark DE 19711: PH 302-738-2511.
Professor & Chairman, Univ of DE (03) 07, 02, 08.
b. 1919 Missorui; M-2..
BS 1949 Univ of MO; MS 1950, PhD 1954 Univ of IL.
Fields: 014.
Pub: Hedging Iced Broilers in Delaware, Exp Sta Bull 1974; Waste Disposal in Delaware Broiler Hatcheries, Exp Sta Bull, 1973; Economic Analysis of Poultry Processing Wastewater, Exp Sta Bull, 1970.
Lang: Fr 2-0-0, Ger 3-0-0.
Hon: Who's Who in America; Am Men & Women of Science.

SMITH, Richard B., 221 GHI Bldg, 500 12th Street SW, Washington DC 20250; PH 202-447-9200.
Agr Econ, USDA-ERS-NEAD (16) 07, 15.
b. 1943 Missouri; M-5.
BS 1964 Univ of MO; 1966 Univ of NE; MS 1969, PhD 1972 IA St Univ.
Prev Emp: Agr Econ, FPED-ERS-USDA, Ames IA & Washington DC 1967-73; Res Assoc-Asst, IA St Univ, Ames, 1964-65 & 1966-67; Agr Stat, SRS-USDA, Lincoln NE 1965-66.
Pub: Supply-Price Outlook for Baling Wire/Twine, MTS-197, Washington DC 1975; Fertilizer/Fuel Situation--What's Ahead, Washington DC 1974; Problems Hiring Keeping Full Time Farm Employees, IA St Univ, 1970.
Lang: Sp 3-0-0, Fr 3-0-0.

SMITH, Robert S., 441 Warren Hall, Dept of Agr Economics, Cornell Univ, Ithaca NY 14853.

SMITH, Roland D., Dept of Agr Econ, TX A&M Univ, College Station TX 77843; PH 713-845-1943.
Grain Mktg Spec, TX Agr Ext Service (03) 09, 07, 23.
b. 1943 Texas; M-1.
BS 1966 TX A&M Univ; MS 1968 OK St Univ; 1969-72 Purdue Univ.
Fields: 014, 018, 016.
Prev Emp: Grad Res Asst, Purdue Univ 1968-72; Grad Res Asst, OK St Univ, Stillwater 1966-68.
Pub: Alternative Marketing Systems for Texas Sorghum, TX A&M Univ 1975; Market Price Relationships-Diary/Soybeans, TX A&M Univ 1975; Economic Analysis of Custom Seed Cleaning Operations, OK St Univ 1968.
Mbr: AMA.
Hon: Phi Kappa Phi; Gamma Sigma Delta; Alpha Zeta.

SMITH, Stephen C., Room 1, Agr Hall, 1450 Linden Drive, Univ of Wisconsin, Madison WI 53706; PH 608-262-6968.
Professor & Assoc Dean, Univ of WI (03) 02, 09.
b. 1921 Indiana; M-2.
BA 1943 DePauw Univ; PhD 1952 Univ of WI.
Fields: 020, 030, 040, 100.
Prev Emp: Prof & Dir, CO St Univ, Ft. Collins 1962-67; Assoc, Univ of CA, Berkeley, 1955-62; Econ TVA, Knoxville 1950-55.
Pub: Economics & Public Policy in Water Resource Development, IA St Univ Press 1964; Water Resource Research, Johns Hopkins Univ Press 1966; Institutional Reorganization for Water Resources Management, Water & Community Development, Ann Arbor MI 1974.
Mbr: AEA; AAAS; WAEA, President 1968.
Hon: Who's Who in America; Am Men & Women of Science.

SMITH,Stephen M., Dept of Agr Econ, 340 Agr Hall, Univ of Wisconsin, Madison WI 53706; PH 608-262-1242.
Res Assoc, Univ of WI (03) 07, 09.
b. 1944 Washington; M-1.
BA 1967 Univ of PA; MA 1971, PhD 1974 Univ of WI.
Fields: 073, 030, 022.
Pub: Changes in Farming Systems Intensity of Operation and Factor Use Under an Agrarian Reform: Chile 1965-70, PhD Dissertation 1974; State Government Employment & Spending Strategies, Their Role in Regional Growth & Development, WI St Planning Office 1975; Factor Combinations & Agrarian Reform, Rpt to U.N. Research Institute 1974.
Lang: Sp 1-1-1, Quechua 3-3-3.
Mbr: AEE; CDS.

SMITH, Wesley G., F122 NFDC, Muscle Shoals AL 35660; PH 205-383-4631.
Agr Econ, TVA (35) 07, 22.
b. 1930 Canada; Citz: Canada; M.
BSA 1951 Univ of Manitoba; MS 1953 Univ of MN; PhD 1958 IA St Univ.
Fields: 011, 047, 071.
Prev Emp: Asst Prof, Univ of DE, 1958-59; Grad Assoc, IA St Univ 1955-58; Econ Div, Canada Dept of Agr, Manitoba 1950-55.

Pub: A Method for Incorporating Probability Into Fertilizer Recommendations, JFE 1967; Potential Uses of Mineral Resources, A North American Common Market, IA St Univ 1969; Reflections on the Future Growth of the Symposium: Southeast and the Tenn Valley Reg, Labor Force: Migration, Earnings & Growth 1972.
Lang: Fr 2-2-3.
Mbr: CAES.
Hon: Who's Who in America; Am Men & Women of Science.

SMITH, Wade L., Route # 2, Duncan OK 73533.

SMITH, William P., Route 1, PO Box 32, Jackson OH 45640; PH 614-286-2177.
Assoc Prof & Ext Mgmt Agent, OH St Univ (03) 09.
b. 1923 Ohio; M-1.
BS 1947, MS 1968 OH St Univ; 1952 & 1962 Univ of WI.
Fields: 012, 013, 018.
Prev Emp: Co Agr Agent, OH Coop Ext Serv, Gallipolis 1948-65; Assoc Co Agr Agent, OH Coop Ext Serv, Portsmouth 1947-48.
Pub: Opportunity for Feeder Pig Production in Southeast Ohio, OH St Univ 1968.
Mbr: Natl Assoc of Co Agr Agent; OH Coop Ext Agents Assoc, V. Pres 1972.
Hon: Epsilon Sigma Phi (OH) Pres 1963-64; Dist Serv Award (1961) NACAA; Gamma Sigma Delta; BS 1947 Cum laude.

SMYTH, David J., Claremont Grad School, Claremont CA 91711; PH 714-626-8511.
Professor, Claremont Grad School (03) 07, 02, 08.
b. 1936 England; Citz: UK; M.
BE 1957, ME 1960 Univ of Queensland, Australia; PhD 1968 Univ of Birmingham England.
Fields: 063, 010, 100, 130.
Prev Emp: Prof, St Univ of NY, Buffalo, 1967-70; Sr Lectr, Univ of Birmingham England 1963-67; Lectr, Univ of Queensland, Brisbane, Australia 1957-60.
Pub: The Demand for Farm Machinery: Western Europe, Ottawa, Canada 1970; Forecasting the United Kingdom Economy, Farnborough, England & Lexington MA 1973; Size Growth & Executive Compensation in the Large Corporation, London & New York 1975.
Lang: Fr 3-3-3.
Mbr: AEA; RES; ES.
Hon: Am Men & Women of Science; Who's Who in the West.

SNELL, James G., Dept of Econ & Rural Soc, Univ of Tennessee, Knoxville TN 37916; PH 615-974-7231.
Assoc Professor, Univ of TN (03) 07, 08.
b. 1934 Missouri; M-4.
BS 1960 Univ of MO; MS 1962, PhD 1967 MI St Univ.
Fields: 014, 016, 081, 101.
Prev Emp: Mktg Expert, UN-FAO, Iran 1973 Asst Instr, MI St Univ, East Lansing 1963.
Pub: Meat Processing Handbook: An Anal of Economic & Tech Considerations, MI St Univ 1965; A Report on a Production and Market Coop for Rasht Coop Union, Teheran, Iran 1973.
Mbr: SAEA.
Hon: Gamma Sigma Delta.

SNIDER, Thomas E., PO Box 300, 401 South Tyron Street, Charlotte NC 28230; PH 704-373-0200.
Vice President, Fed Reserve Br Bank (33) 05, 15, 17.
b. 1938 Virginia; M-2.
BS 1960 VPI & St Univ; MS 1962 Cornell Univ; PhD 1967 Univ of MN.
Fields: 013, 131, 133, 134.
Prev Emp: Econ, Fed Resv Bank, Richmond VA 1970; Asst Prof, VPI & St Univ, Blacksburg VA 1967.
Pub: Education: An Economic Analysis, Improving College & Univ Teaching 1974; The Effect of Merger on Lending Behavi of Rural Banks in Virginia, Jour of Bank Research 1973; Cooperatives and the Cost of Capital, The Cooperative Accountant 1973.

SNODGRASS, Milton M., Dept of Economics, Box 3169, Las Cruces NM 88003; PH 505-646-1812.
Professor, NM St Univ (03) 08, 02, 22.
b. 1931 Pennsylvania; M-2.
BS 1951 PA St Univ; MS 1955, PhD 1956 Purdue Univ.
Fields: 141, 073, 014, 051.
Prev Emp: Prof & Dept Chrmn, CA St Poly Univ, Pomona CA 1967-72; Prof, Purdue Univ 1956-67.
Pub: Agricultural Economics & Resource Management (Book) Prentice-Hall Inc 1975; Agricultural Economics & Growth (Book) Appleton-Century Crofts 1964, 1970; Off-Campus Work & Study Experier Programs for Undergraduate Students in Agricultural Economics & Agricultural Business Management, AJAE 1974.
Lang: Sp 2-2-3.
Mbr: AEA; IAAE.
Hon: Who's Who in America; Am Men & Wom of Science; Contemporary Authors; Dict of Intl Biography; Award of Merit, AAE 1956.

SNYDER, J. Herbert, Dept of Agr Economic Univ of California, Davis CA 95616; PH 916-752-1532.
Prof & Dir of Water Resource Center, Uni of CA (03) 02, 08, 07.

b. 1926 California; M-3.
BS 1949, PhD 1954 Univ of CA, Berkeley.
Fields:021, 026, 017, 020.
Hon: Who's Who in America; Am Men & Women of Science.

SNYDER, Robert W., 248 Classroom Office Bldg, Univ of Minnesota, St Paul MN 55108; PH 612-376-3433.
Assoc Prof & Ext Land Econ, Univ of MN (03) 09, 07, 08.
b. 1932 New York; U.
BS 1953, MS 1960, PhD 1965 Cornell Univ.
Fields: 038.
Pub: You and Rural Zoning, MN Agr Ext Serv 1970; Minnesota Directory of Planning Personnel, MN Agr Ext Serv 1974.
Lang: Fr 3-0-0, Ger 3-0-0.
Mbr: AIP; ASPO; MN-

SOARES, Augusto C., Dept of Agr Econ, OH St Univ, Columbus OH 43210; PH 614-422-2821.
Grad Student, OH St Univ (03) 23, 07.
b. 1946 Brazil; Citz: Brazil; M-0.
BS 1970 Fed U. Brazil; MS 1974 OH St Univ.
Fields: 073, 011.
Prev Emp: Res Asst, OH St '71-73; Bra '67-71.
Pub: Anal of Factors Associated With Fixed and Operating Capital at the Farm-Level: Sao Paulo Brazil, OH St Univ 1974.
Lang: Por; Other: Eng 1-1-1, Sp 1-2-2.
Mbr: AEA; IAAE.

SOBERING, Fred D., Box 5576, NC St Univ, Raleigh NC 27607; PH 919-737-3107.
Professor, NC Agr Ext Serv (03) 09.
b. 1929 Canada; Citz: USA; M-4.
BS 1950 Univ of Manitoba; MS 1963 ND St Univ; PhD 1966 OK St Univ.
Fields: 017, 012, 014.
Prev Emp: Assoc Dir, ND Coop Ext Serv, Fargo, ND 1970-72; Ext Econ, ND Coop Ext Serv, Fargo 1961-70.
Lang: Ger 3-0-0.
Mbr: ASFM&RA; NC-SFM&RA, Exec Secretary.

SOEDARTO, Dit Ekonomi Pertanian, JLN, Salemba, Raya, 16, Jakarta, Indonesia
Head of Sub Directorate, Dept of Agr, Head Office (17) 06, 09, 20.
b. 1928 Indonesia; Citz: Indonesia; M-3.
Agr 1962 Univ of Gajah Madha.
Fields: 012, 011.
Prev Emp: Head of Agr Econ Serv, Dept of Agr, Jakarta, Indonesia 1963-69.
Pub: Indonesia (Country Paper), Reg Comm on Farm Management, FAO 1975.
Lang: Indonesian; Other: Javanese 1-1-1, Eng 1-2-2, Dutch 1-2-2.
Mbr: PERHEPI (Agr Econ Assoc of Indonesia).

SOGN, Arthur B., Dept of Economics, South Dakota Univ, Brookings SD 57006; PH 605-688-4141.
Assoc Prof & Ext Econ, SD St Univ (03) 09, 07.
b. 1921 South Dakota; M-3.
BS 1948, MS 1959 SD St Univ.
Fields: 014, 016, 019.
Prev Emp: Gen Mgr, Farmers Coop Co, Brookings SD 1956-68; Mgr, Grain Dept, Farmers Coop Co 1947-56.
Pub: Management of Working Capital, SD St Univ 1971; Marketing Alternatives for Producers of Wheat & Other Grains, SD St Univ 1975; Benefit of Understanding Grain Futures, SD St Univ 1974.
Mbr: SD Alumni Assoc, President.
Hon: Gamma Sigma Delta; Who's Who in SD; Honored Alumnus Econ; Boss of the Year Brookings City.

SOHN, Hong K., Economics Dept, James Cook Univ, Townsville, Queensland 4811 Australia.
Sr Lecturer, James Cook Univ (03) 08, 07, 02.
b. 1939 Korea; Citz: Australia; M-3.
BA 1961 Seoul Natl Univ; MBA 1967, MS 1969, PhD 1970 Univ of HI.
Fields: 081, 016, 036, 011.
Prev Emp: Lecturer, Univ of Queensland, Brisbane, Australia, 3 years; Res, Univ of HI, Honolulu, 3 years.
Mbr: AEA; ASA.
Hon: Gamma Sigma Delta.

SOKOLOSKI, Adam A., U.S. Fish & Wildlife Service, USDI, Washington DC 20240; PH 202-343-8286.
Dir, Div of Prog Plns, U.S. Fish & Wildlife Service, USDI (13) 18, 19, 06.
b. 1938 Massachusetts; M-3.
AB 1961 Middlebury College; MS 1964 Purdue Univ; PhD 1967 OR St Univ.
Fields: 026, 021, 024, 064.
Prev Emp: Dir, Econ Studies, Natl Comm on Water Quality, Washington DC 1974-76; Staff Econ U.S. Env Protection Agency, Washington DC 1971-74.
Pub: A Case Study of Yaquina Bay, Oregon, OR St Univ, Feb 1972; Discussions & Research on Ocean Fishery Management, NMFS, Washington DC, April 1973; Safe Drinking Water Act of 1973: Economic Impact for Investor Owned Utilities, Annual Mtg of Natl Assoc of Water Companies, Oct 1973.
Lang: Fr 2-3-2.
Mbr: AEA.
Hon: Who's Who in America; Intl Who's Who; WAEA Cert of Merit 1973; AAEA PUblished Res Award 1973; Quality Increase Award for Superior Job Performance 1969 & 1972.

SOLIMAN, Mostafa A., PO Box 2842, Prairie View, Texas 77445; PH 713-857-2525.
Assoc Prof, Prairie View A&M Univ (03) 08, 07, 09.
b. 1932 Egypt; Citz: Egypt; U.
BS 1952, Dipl 1955 Cairo Univ, Egypt; MS 1963 Cornell Univ, PhD 1967 IA St Univ.

Fields: 081, 042, 111, 141.
Prev Emp: Asst Prof, Univ of MN, St Paul 1967-71; Stat, Egyptian Govt, Cairo 1956-61.
Pub: Nonprofessional Aides in Agriculture, TX Exp Sta Bull, 1975; The Availability and Distribution of Health Care Resources in Texas, TX Exp Sta Bull, 1976; Econometric Model of the Turkey Industry, CJAE 1971.
Lang: Arabic; Other: Fr 1-2-2, Czech 2-3-3.
Mbr: AEA; ASA, Econometric Society.
Hon: Personalities of the South; Gamma Theta Upsilon; Omicron Delta Epsilon; Sigma Xi.

SOLTANI, Gholamreza, Food & Resource Econ Dept, Univ of Florida, Gainesville FL 32611.

SOLVERSON, Lyle, Agr Ind Dept, So. IL Univ, Carbondale IL 62901.

SONKA, Steven T., Mumford Hall, Dept of Agr Economics, Univ of Illinois, Urbana IL 61801; PH 217-333-2074.
Asst Professor, Univ of IL (03) 07, 08.
b. 1948 Iowa; M-1.
BS 1970, PhD 1974 IA St Univ.
Fields: 011, 012, 020.
Prev Emp: Staff Econ IA St Univ, Ames, 1971-75.
Pub: Alternative Futures of Exports and Farm Size, IA St Univ 1974; American Farm Size Structure, IA St Univ 1974; Grain Supply and Export Capacity, IA St Univ, 1975.
Lang: Sp 3-0-0.
Mbr: IAAE; SCSA; SAEA.
Hon: AAEA PUblished Res Award 1974; Alpha Zeta; Sigma Xi.

SONOLA, S. O., Ministry of Agr & NR, Planning Div, Aheokuta, Ogur State, Nigeria.

SONNTAG, Bernard H., Agr Canada, Res Sta, Lethbridge, Alberta T1J 4B1 Canada; PH 403-327-1314.
Economist, Agr Canada (78) 07, 20.
b. 1940 Canada; Citz: Canada; M-3.
BSA 1962, MS 1965 Saskatchewan; PhD 1971 Purdue Univ.
Fields: 011, 012.
Prev Emp: Econ, D. Wm Carr & Assoc, Ltd, Ottawa 1967; Econ, Agr Canada, Econ Br, Saskatoon 1962-66.
Lang: Ger 3-3-3.
Mbr: CAES; WAEA; Alberta Inst of Agralogists, President 1975-76.
Hon: Who's Who in America.

SORENSEN, Donald M., 307 Ext Hall, Oregon St Univ, Corvallis OR 97331; PH 503-754-3621.
Asst Dir, Acting, Western Rural Devl Center (03) 09, 02.
b. 1936 Nebraska; M-2.
BS 1958 Univ of NE; MS 1965 CO St Univ; PhD 1968 OH St
Fields: 031, 032, 038.
Prev Emp: Asst Dir (Acting) W. Rur Devl Ctr, OR St Univ 1973-74; Asst Prof, CO St Univ, Ft Collins 1968-72; Res Assoc; OH St Univ 1965-68.
Pub: Water and Sewer Systems in Rural Communities in the Four Corners Economi Development Region, NM St Univ, Agr Exp Sta Special Rpt #18, June 1972; Participant Evaluations Summary of the Fourth National Workshop in Community Resource Development, Proceedings Fourth Natl Ext Workshop in Community Resources Devl, MI St Univ 1969; Industrial Development in Rural Colorado, Jour of Community Devl Society, Vol 6, #2 1975.
Lang: Por 2-3-2.
Mbr: CDS, Board Mbr 1974-76; WAEA; IAAE.
Hon: Who's Who in the West; Am Men & Women of Science.

SORENSON, Vernon L., Dept of Agr Economic 38 Agr Hall, Michigan St Univ, East Lansing MI 48824; PH 517-353-7856.
Professor, MI St Univ (03) 07, 08, 09.
b. 1922 Minnesota; M-4.
BA 1948, MS 1948, PhD 1953 Univ of MN.
Fields: 017, 112, 014.
Prev Emp: FSRO, USDA, Paris 1964-65; Res Assoc, Univ of MN, Minneapolis 1952-53; Business Anal, St Paul Bank for Coop, MN 1948-49.
Pub: International Trade Policy: Agriculture & Development, MI St Univ, Intl Business Studies 1975.
Lang: Fr 3-3-3.
Mbr: IAAE.
Hon: Who's Who in America; Am Men & Women of Science; PhD Dissertation Award.

SORENSON, L. Orlo, Dept of Agr Econ, KS St Univ, Manhattan KS 66506.

SORKIN, Martin, 2700 Virginia Avenue NW, Washington DC 20037; PH 202-333-0377.
Self Employed, Consultant (75) 15, 27.
b. 1910 New York; M-1.
BA 1931 CCNY; MA 1932 Columbia Univ.
Fields: 016, 017, 112.
Prev Emp: Econ Adv, Sec of Agr, Washingto DC 1957-61.
Lang: Fr 2-2-2; Sp 2-2-2.
Mbr: Natl Econ Club. Hon: USDA Sup Serv.

SOSNICK, Stephen H., Dept of Economics, Univ of California, Davis CA 95616; PH 916-752-1536.
Professor, Univ of CA (03) 07, 08.
b. 1930 USA; M-4.

BA 1950, PhD 1956 Univ of CA, Berkeley.
Fields: 014, 121, 062.
Prev Emp: Vstg Prof, IA St Univ 1975.
Pub: Public Expenditure Analysis, Public Affairs Report 1973; Effect of Price Stabilization Western Econ Journal 1971; A Concrete Concept of Effective Competition, AJAE 1969.
Lang: Sp 1-2-3.
Mbr: AEA; WAEA.
Hon: Phi Beta Kappa; Intl Who's Who; Am Men & Women of Science; Res Awards of AAEA & WAEA.

SOTH, Lauren K., 801 State Farm Road, W. Des Moines IA 50265; PH 515-225-1661.
Writer & Econ Cons, Self-Employed (75) 27, 18, 19.
b. 1910 Iowa; M-3.
BS 1932, MS 1938 IA St Univ.
Fields: 017, 070, 110.
Prev Emp: Editor, Editorial Sect, Register & Tribune, Des Moines IA 1954-75; Editorial Writer, Register & Tribune, IA, 1947-54; Ext Econ, IA St Univ 1933-47.
Pub: Farm Trouble, Princeton Univ Press 1957; An Embarrassment of Plenty, Thomas Y Crowell 1965; Agriculture in an Industrial Society, Holt Rinehart & Winston 1966.
Mbr: Natl Conference of Editorial Writers, Chrm 1963; ASNE Chrmn Intl Comm 1963.
Hon: Sigma Delta Chi; Who's Who in America; Publitzer Prize 1966; Fellow, AAEA 1973.

SOTO, Jose E., Calle Los Cedros, No. 52, Colonia LA Floresta, San Salvador, El Salvador.

SOUTHARD, Leland W., 500 12th Street SW, Washington DC 20250; PH 202-447-8449.
Agr Econ, ERS-USDA (16) 07, 19.
b. 1941 Arkansas; U.
BSA 1963 AR St Univ; MS 1966 LA St Univ; 1970-75 Univ of MD.
Fields: 014, 015, 018, 086.
Prev Emp: Instr, LA St Univ, Baton Rouge 1966-67.
Pub: Monitoring the Agricultural Economy: Strains on the Data System, AJAE 1974; Trends in Food Wholesaling, USDA 1971. Cost of Selected Hog Production Systems in Louisiana, LA AGr Exp Sta 1968.

SPALDING, William D. USDA South Bldg, Rm 2626, Washington DC 20250; PH 202-447-3815.
Agr Econ, USDA - AMS - Livestock Div (21) 19, 12.
b. 1947 Kentucky; W.
BS 1969 W. KY Univ; MS 1975 Univ of KY.
Fields: 050, 016, 015, 013.
Prev Emp: Asst, Univ of KY, Lexington, 1975, 1972-74; Asst Credit Mgr, Mammoth Cave, PCA, Glasgow KY 1974-75.

SPARKS, Stephen O., PO Box 7888, Van Nuys CA 91409; PH 213-986-4800.
Corp Planning Anal, Sunkist Growers Inc (52) 15, 11.
b. 1949 California; M.
BS 1971 CA Poly - Pomona; MS 1973 MI St Univ.
Fields: 081, 016, 014, 018.
Prev Emp: Econ Anal, Fed Land Bank, Berkeley CA 1973; Grad Res Asst, MI St Univ, E Lansing MI 1971-73.
Pub: Demand, Supply and Distribution of U.S. Potatoes, MI St Univ 1973.

SPARKS, Willard, Cook Industries Inc, PO Box 16912, Memphis TN 38116.

SPARLING, Edward W., Dept of Economics, CO St Univ, Fort Collins CO 80523; PH 303-491-6951.
Asst Prof, CO St Univ (03) 08, 07.
b. 1940 California; M-2.
BS 1962 Univ of OR; MA 1972, PhD 1976 Univ of WI; 1969-70 MI St Univ.
Fields: 035, 082, 077, 073.
Prev Emp: Res Asst, Univ of WI, Madison 1970-73; Res Asst, MI St Univ, E. Lansing 1969-70; Volunteer, U.S. Peace Corps, Sierra Leone 1967-69.
Lang: Fr 3-3-3.

SPAULDING, Brent W., Dept of Economics, Iowa St Univ, Ames IA 50010; PH 515-294-8641.
Res Econ, IA St Univ (03) 07.
b. 1940 Idaho; M-4.
BS 1966 Brigham Young Univ; MS 1968 UT St Univ.
Fields: 011, 012, 026, 013.
Prev Emp: Instr, IA St Univ, Ames 1970-73; Div Credit Mgr, Western Farmers Assoc, ID Potato Div, Idaho Falls 1967-70.
Pub: Est Supply Response of Sugar Beet Production to Changes in Profitableness, Box Elder and Cache Counties, Utah, 1967, UT St Univ 1968.

SPAULDING, J. Lloyd, Bethel College, N. Newton KS 67117; PH 316-283-2500.
Prof Economics, Bethel College (03) 08.
b. 1914 Iowa; M-3.
BS 1936 IA St Univ; PhM 1938 Univ of WI; PhD 1949 Univ of MN.
Fields: 022, 017, 141, 157.
Prev Emp: Exec Sec, Peace Educ, Am Friends Service Committee, Wichita KS 1952-56.
Lang: Ger 2-0-0.
Mbr: AEA; AAUP.

SPEICHER, John A., 125 Anthony Hall, MI St Univ, East Lansing MI 48824; PH 517-355-8428.
Diary Farm Mgmt Spec, MI St Univ (03) 09, 07, 02.
b. 1928 Kansas; M-6.

BS 1952, KS St Univ; MS 1956 U of MD; PhD 1964 MI St Univ.
Fields: 012, 151, 153, 124.
Prev Emp: Dir, Agr Mkt Ext, MI St U. 1974-76; Dairy Farm Mgmt Spec, MI St U. 1964-74; Co Ext Agt, Lapeer MI 1956-74.
Pub: Econ of Dairy Herd Management, The Bovine Practioner 1973; Personnel Mgmt Practices on Large Scale Dairy Farms, Jour of Dairy Sci 1972; Comparison of Equipment for Mechanized Milk-ng of Cows, Dairy Housing Sumposium Proc 1974.
Lang: Fr 3-0-0.
Mbr: ADSA; ASAE; ASFM&RA.
Hon: Who's Who in America.

SPENCER, Carrol Davonne, PO Box 1417, Little Rock AR 72203; PH 501-378-5145.
Stat in Charge, AR SSO, USDA-SRS (22) 06, 15, 14.
b. 1930 Kansas; M-3.
BS 1966, MS 1967 KS St Univ.
Fields: 011, 018, 081.
Prev Emp: Asst Stat in Charge, FL St Stat Office, Orlando FL 1971-74; Sect Head, USDA-SRS, Washington DC 1970-71; Acting Sect Head, USDA-SRS, Washington DC 1968-70.

SPENCER, Dunston, S.C. Dept of Agr Econ, Njala Univ College, PMB, Freetown, Sierra Leone W. Africa.
Sr Lectr, U. of Sierra Leone (03) 07,08,09.
b. 1942 Nigeria; Citz: Sierra Leone; M-3.
BS 1966 London Univ; MS 1969, PhD 1973 Univ of IL.
Fields: 012, 011, 073, 121.
Prev Emp: Vstg Asst Prof, MI St Univ, E. Lansing 1975-76.
Pub: Micro Level Farm Management & Prod Econ Res Among Trad African Farmers, MI St Univ, AREP 3, 1972; Activity Anal of the Goals of Dom Self-Suff in Rice Prod in Sierra Leone., AJAE 1973; The Econ of Trad & Semi-Trad System of Rice Prod in Sierra Leone, WARDA Sem 3, 1975.
Lang: Krio; Other: Eng 1-1-1, Fr 2-2-3.
Mbr: IAAE; W. Afr Assoc of Agr Econ, Aud. 1975; Agr Soc of SL Gen Sec 1971-75.

SPIELMANN, Heinz, Dept of Agr & Resource Econ, Univ of HI, Honolulu HI 96822; PH 808-948-7039.
Prof & Agr Econ, Univ of HI (03) 07, 08.
b. 1919 Austria; Citz: USA; M-2.
BA 1949, MA 1952 Univ of WA; PhD 1962 WA St Univ.
Fields: 014, 017.
Prev Emp: Assoc Prof, MT St U. 1960-64; Mktg Anal, St of WA, 1954-56.
Pub: Consumer Attitudes and Their Impact on Fluid Milk Demand in Hawaii, AJAE Nov 1972; Inventory & Critique of Estimates of U.S. Agricultural Capacity, AJAE, Feb 1976.
Lang: German.
Mbr: HI Econ Assn, V. Chrmn 1973.

SPIES, Philippus H., Dept of Agr Econ, Univ of Stellenbosch, Stellenbosch, South Africa; PH 2255.
Sr Lectr, U. of Stellenbosch (03) 08,07,2
b. 1940 South Africa; Citz: SA; M-2.
BS 1963, BS 1965, MS 1967 Stellenbosch; PhD 1973 IA St Univ.
Fields: 011, 026, 064, 073.
Prev Emp: Prof Off, Dept of Agr, South Africa, Pretoria 1965-68.
Pub: Management of Water Quality, PhD Dissertation, IA St Univ 1973; Cost-Benefit Anal in the Agricultural Sector S.A. Jour of Econ 1975; The Impact of a Changing Economic Situation on Resource-Use in Agriculture, AGREKON, 1975.
Lang: Afrikaans; Other: Eng 1-1-1.
Mbr: AEA; IAAE; SAAES, Mbr of Exec 1974-75, V. Chrmn 1975-76.

SPILKA, Walter Jr., Dept of Agr Economics Hutcheson Hall, VPI & St Univ, Blacksburg VA 24061; PH 951-5859.
Grad Student, VPI & St Univ (03) 23.
b. 1948 Georgia; M.
BS 1970, MS 1976 Univ of DE.
Fields: 014.
Prev Emp: 1st Lt, U.S. Army, Ft Polk LA 1971-74.

SPITZE, Robert G.F., 305 Mumford Hall, Dept of Agr Econ, Univ of IL, Urbana IL 61801; PH 217-333-1820.
Prof of Agr, Univ of IL (03) 07, 08, 02.
b. 1922 Arkansas; M-2.
BSA 1947 Univ of AR; PhD 1954 Univ of WI.
Fields: 017, 032, 072.
Prev Emp: Vstg Prof, ERS-USDA, Washington DC 1975; Vstg Prof, Univ of London, Wye England 1968; Prof, Univ of TN, Knoxville 1960.
Pub: Policy Choices & Pub Decision Making Environment, U of IL 1976; Problems of Adequacy in Rural Human Resource Development, IA St Press 1970; Determinants Cap Form Agr, IA St Press 1961.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: AEA; IAAE.
Hon: SX; Am Men & Women of Sci: Who's Whc in the Midwest; AAEA Dist Tchr 1972.

SPOERRI, Arthur E., Dept of Energy, Mines & Resources, 580 Booth, Ottawa, Ontario Canada K1A 0E4; PH 613-995-9351.
(10/26) 06, 07, 15.
b. 1923 Switzerland; Citz: Canada; M-2.
BS 1949 ETH Zurich, MS 1965 Univ of VT.
Fields: 020, 080, 110.
Lang: Fr 1-1-1, Ger 1-1-1.

SPORLEDER, Thomas L., Dept of Agr Econ, TX A & M Univ, College Station TX 77843; PH 713-845-6028.
Assoc Prof, TX A&M Univ (03) 07, 08.
b. 1942 Ohio; M-2.
BS 1964, MS 1965, PhD 1968 OH St Univ.
Fields: 014, 017, 015, 101.
Prev Emp: Agr Econ, FCS-USDA, Washington DC 1975; Asst-Assoc Prof, TX A&M Univ, 1969-74.
Pub: Cr Card Purchasing & Consumer Behavior Theory, AJAE 1974; Entrophy Measures of Concentration, SJAE 1974; Temperature Probabilities & Bayesian Anal, SJAE 1972.
Lang: Sp 2-3-0.
Mbr: SAEA; Food Distr Res Soc; AMA.
Hon: AM&W of Sci; Who's Who in S & SW.

SPREEN, Thomas H., Dept of Agr, Purdue Univ, W Lafayette IN 47907; PH 317-493-3587.
Res Asst, Purdue Univ (03) 23, 07, 08.
b. 1950 Indiana; M.
BS 1973, MS 1974 Purdue Univ.
Fields: 080, 011.
Mbr: ASA.
Hon: Phi Beta Kappa; GSD; Grad w/Highest Distinction, Purdue Univ 1973; Univ Fellowship, Purdue Univ 1973-74.

SPRIGGS, John D., Dept of Agr Economics, Classroom Office Bldg Rm 326, Univ of Minnesota, St Paul MN 55108; PH 612-376-3560.
Res Asst, Univ of MN (03) 23, 07.
b. 1949 England: Citz: Australia; M-2.
BAE 1970 U. of New England, Armidale NSW Australia; MS 1975 U of MN.
Fields: 016.
Prev Emp: Econ, Dept of Agr, South Australia 1971-73.

SPROTT, J. Michael, Duncan Hall, Room 111, Auburn Univ, Auburn AL 36830; PH 205-826-4444.
Director, AL Coop Ext Service (03) 02.
b. 1936 Michigan; M-3.
BS 1963, MS 1965 Univ of AR; PhD 1973 TX A&M Univ.
Fields: 012, 011, 016.
Prev Emp: Assoc Prof, TX A&M Univ 1974-75; Ext Econ, TX A&M U. 1970-74, 1965-68.
Pub: Interregional Competition in U.S. Swine, TX A&M Univ 1973; Value of Irrigation Water-Texas, TX A&M U. 1975; TX Crop Budgets, TX A&M Univ 1975.
Lang: Rus 3-3-3.
Mbr: SAEA; WAEA; ASFM&RA.
Hon: GSD; AZ; ODE.

SPURGEON, Martin L., PO Box 1837 SSS, Springfield MO 65805; PH 417-865-9641.
Dir of Mktg Econ, Mid Am Dairymen Inc. (51) 11, 15, 18.
b. 1943 Missouri; M.
BS 1965 SW MO St Univ; MS 1968, PhD 1970 Univ of MO.
Fields: 014, 015, 093, 018.
Prev Emp: Res & Tchg Asst, Univ of MO, Columbia 1965-70; 1st Lt, U.S. Army Ft Sills OK 1970.
Pub: Pricing Arrangements for One Grade of Milk, Univ of MO, Columbia 1970.
Hon: Delta Tau Alpha; Gamma Sigma Delta.

SPURLOCK, Alvin H., McCarthy Hall, Dept of Agr Economics, Univ of Florida, Gainesville FL 32611.
Prof Emeritus, Univ of FL IFAS (03) 26.
b. 1906 Georgia; M-1.
MSA 1933 Univ of FL.
Fields: 014, 015.

STAATS, Herschel L., Univ of Maryland, East Shore, Princess Anne MD 21853; PH 301-651-2200.
Teacher-Education, Univ of MD (03) 08.
b. 1935 Kansas; M-3.
BS 1958 KS St College; MS 1964, PhD 1975 KS St Univ.
Fields: 141, 012, 011.
Prev Emp: Instr, Inst of Farm & Ranch Mgmt, Coffeyville KS 1970-72; Instr, Kiowa High School, K-owa KS 1965-70.
Mbr: AVA; NVATA; AATEA.

STAFFORD, Joseph H., 107 W Gaines Street, Tallahassee FL 32304; PH 904-488-5251.
Vice Chancellor, St Univ System (40) 01, 15, 19.
b. 1939 Indiana; M-5.
BS 1961, MS 1962, PhD 1965 Purdue Univ.
Fields: 159.
Prev Emp: Dir of Planning, Univ of FL, Gainesville 1971-75; Asst Prof, MA Inst of Tech, Cambridge MA 1966-70.

STAFFORD, Thomas H., USDA-ERS-NEAD, 500 12th Street SW, Washington DC 20250; PH 202-447-8489.
Agr Econ, USDA-ERS-NEAD (16) 07.
b. 1946 Indiana; M-1.
BS 1968 Purdue Univ; MS 1970, PhD 1973 Cornell Univ.
Fields: 015, 101, 051.
Prev Emp: Res Assoc, United Dairy Ind Assoc, Rosemont IL 1973-76; Grad Asst Cornell Univ, Ithaca NY 1968-72; Mgmt Trainee, Wabash Co., Farm Bureau Coop, Wabash IN 1968.
Pub: Dairy Refrigeration in Convenience Stores, Convenience Store News 1975; Methods & Costs of Distributing Beef to the Food-Service Industry, New Yorks Food & Life Science Bull #36, 1974; Determining the Profitability of Franchised Supermarkets, MS Thesis, Cornell Univ 1970.
Mbr: Food Dist Res Soc.

STAITIEH, Samih K., Box 267, Grad Center, Washington St Univ, Pullman WA 99163; PH 509-335-1390.
PhD Student, WA St Univ.
b. 1951 Lebanon; Citz: Lebanon; U.
BS 1973, MS 1975 Am Univ, Beirut; 1975 to date WA St Univ.
Fields: 011.
Lang: Arabic.

STALLINGS, James L, Dept of Agr Econ, Auburn Univ, Auburn AL 36830; PH 205-826-4803.
Assoc Professor, Auburn Univ (03) 07, 08.
b. 1930 Indiana; M-3.
BS 1952, MS 1956 Purdue Univ; PhD 1958 MI St Univ.
Fields: 011, 014, 012, 073.
Prev Emp: Acting Head, Morogoro College, Tanzania, E. Africa 1967-69; Chf, Farm Prod Br, Agr Div, Bureau of Census, Suitland MD 1962-65.
Pub: Grain Movements, Auburn Univ 1975; Gaphic Summary, Agr Div, Bur of Census 1963; Weather Indexes, JFE, Feb 1960.
Lang: Kiswahili 3-3-2.
Mbr: SAEA; AEA.

STAM, Jerome M., 500 12th Street SW, Washington DC 20250; PH 202-447-9105.
Prog Leader, St & Local Govt, ERS-USDA (16) 07, 19, 06.
b. 1939 Nebraska; U.
BS 1961 Univ of NE; MS 1963, PhD 1966 MI St Univ.
Fields: 032, 039, 033, 031.
Prev Emp: Econ, ERS-USDA, St Paul MN 1966-71; Asst-Assoc Prof, Dept of Agr Econ, Univ of MN 1966-71.
Lang: Sp 3-0-0.
Mbr: AMA; WAEA; SAEA.
Hon: Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta.

STAMMER, Richard W., Box 838 Cook Apts, Ryders Lane, New Brunswick NJ 08901.

STANSBERRY, Robert R. Jr., Progs Oper Div, ASCS-USDA, Washington DC 20250; PH 202-447-5735.
Agr Economist, USDA (23) 19, 18,
b. 1928 Texas; M-3.
BS 1957 TX A&M Univ; 1960-66 Am Univ; 1967-68 Univ of MD.
Fields: 017, 016, 121.
Mbr: AEA; APPA.

STANSBURY, Dale L., Rm 322, Russell Senate Office Bldg, Washington DC 22090; PH 202-224-2035.
Economist, U.S. Senate Committee on Agr (78) 18, 19, 15.
b. 1942 Ohio; M-3.
BS 1965 Muskinguin College; MS 1967, PhD 1970 OH St Univ.
Fields: 017, 013, 014.
Prev Emp: Econ, Fed Reserve Bank, Dallas TX 1971-74; Cons, Battelle Mem Inst, Columbus OH 1970.
Pub: Farm Trade: Farmers on Threshold of New Opportunity, Business Review, Fed Reserve Bank 1974; Rural Income Determination in ENC States, Dissertation, OH St Univ 1970; Factors Limiting Credit System Success and Affecting Delinquency in Peru, Agr Finance Center OH St Univ 1967.

STANTON, Bernard F., Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-4597.
Prof of Agr Econ, Cornell Univ (03) 07, 08, 09.
b. 1925 USA; M-3.
BS 1949 Cornell Univ; MS 1950 Univ of MN; Dipl 1951 Oxford Univ; PhD 1954 Univ of MN.
Fields: 012, 013, 017, 016.
Prev Emp: Chrmn of Dept, Cornell, Ithaca NY 1968-76; Agr Stat, ERS-USDA, Washington DC 1960; Instr, Univ of MN, St Paul 1951-53.
Pub: Farm Budgeting for Project Analysis, Intl Bank for Reconst & Devl (World Bank) 1973; Seasonal Demand for Beef, Pork and Broilers, Agr Econ Research 1961; Focus on Some Elements of Food Policy, Cornell Univ Agr Exp Sta 1974.
Lang: Fr 3-0-0.
Mbr: IAAE; NAEC Exec Board 1971-76; Board of Dir Fund for Intl Conf Agr Econ, V. President.
Hon: Who's Who in America; Am Men & Women of Science; Exec Board AAEA 1974-77; Editorial Council, JFE 1958-62; Awards Committee AAEA, Mbr & Chrmn 1969-74.

STANTON, Lynn A., Post Office Box 5809, Pee Dee Exp Sta, Florence SC 29501; PH 803-669-1912.
Asst Professor, Clemson Univ (03) 09.
b. 1933 New York; M-4.
BS 1959, MS 1961 Cornell Univ; PhD 1970 LA St Univ.
Fields: 011, 012, 013.
Prev Emp: Asst Prof, Univ of GA, Athens 1970-75; Asst Prof, WV Univ, Morgantown 1969-70; Ext Econ, Cornell Univ, Ithaca 1960-65.
Pub: Comparison of Selected Linear Programming Techniques for Planning Farms Using Louisiana Farm Business Anal Records, LA St Univ 1970; Comparison of Selected Linear Programming Techniques for Individual Farm Planning - DAI Res Rpt #422, LA St Univ 1971.
Lang; Fr 2-2-2.
Mbr: SAEA; GA-SFM&RA.
Hon: Am Men & Women of Science; Gamma Sigma Delta.

STANTON, Oliver Ray, 1431 Oxford Street, Berkeley CA 94709.

STARBIRD, Irving R., CED-ERS-USDA, 500 12th Street SW, Washington DC 20250; PH 202-447-8400.
Agr Econ, ERS-USDA (16) 07.
b. 1928 Maine; M-4.
BS 1951 Univ of ME; MS 1954 Cornell Univ; 1 Year Univ of MD.
Fields: 011, 014.
Prev Emp: Res Assoc, Cornell Univ, Ithaca NY 1957-58; Instr, Cornell Univ, Ithaca NY 1954-56.
Pub: National Cotton Marketing Study Comm Report, USDA, Washington DC 1975; Costs of Producing Selected Crops in the U.S. 1974, Senate Committee Print 1976.
Mbr: SAEA.
Hon: BS W/Distinction; Alpha Zeta.

STARCH, Elmer A., 4000 Tunlaw Road, Washington DC 20007; PH 202-337-2495.
Retired, Self-Employed, 26.
b. 1898 Minnesota; M-3.
MS 1926 MN Univ.
Prev Emp: Coordinator Great Plains Prog, USDA, Lincoln NE 1939-50; Reg Dir, Farm Security Adm, Denver CO 1935-38; Head, Dept of Econ, MT St College, Bozeman 1933-39.
Pub: Farm Organizations as Affected by Mechanization, MT St Univ 1933; Better Life in the Great Plains, USDA 1970; Saga of the Sage Country, MT St Univ 1976.
Lang: Fr 2-0-2, Ger 1-2-1.

ST CLAIR, James S., Dept of Agr Econ, Rm 3354, Univ Stat, Laramie WY 82071; PH 307-766-2261.
Prof & Agr Econ, Univ of Wyoming (03) 07, 08.
b. 1919 California; M-3.
AA 1939 Chaffey College; BS 1941 Univ of CA; MS 1947, PhD 1956 Univ of IL.
Fields: 014, 019, 017, 016.
Prev Emp: Agr Econ, USDA-AMS, Tucson AZ 1955-57; Asst Agr Econ, Univ of AZ 1951-55; Instr, CA St Polytechnic, San Luis Obispo CA 1946-50.
Pub: Effects of Lint Cleaning Cotton, MR Rpt #238, USDA 1958; Truck Transportation of Wyoming Cattle, WY Bull #395, 1962; Marketing Commercial Feed in WY, WY Bull #581,1973.
Lang: Fr 2-2-3, Sp 2-2-3.
Mbr: WAEA, V. Pres 1961-62, Pres 1969-70.
Hon: Gamma Sigma Delta, President, Wyoming Chpt; Sigma Xi; Who's Who in the West; Am Men & Women of Science; Res Achievement Award, WAEA 1959.

STEADMAN, Dennis F., 214 Armsby Bldg, Dept of Agr Econ & Rural Soc, University Park PA 16802; PH 814-863-0190.
Res Asst, PA St Univ (03) 23, 07, 14.
b. 1953 Pennsylvania; U.
BS 1974, MS 1976 PA St Univ.
Fields: 016, 081, 014, 018.
Pub: Computer Programs for the Optimal Location of Facilities in Geographic Space, PA St Univ 1975; Intraseasonal Demand for Appalachian Apples, PA St Univ 1976.
Mbr: Delta Upsilon Alumni Assoc, Exec Sec, 1975 to date.
Hon: Owen R. Jones Scholarship; Gamma Sigma Delta; Omicron Delta Epsilon.

STEELE, Harry A., 3600 North Rockingham Street, Arlington VA 22213; PH 703-538-5402.
Consultant, Self-Employed (75) 18, 19, 07.
b. 1909 South Dakota; M-3.
BS 1931, MS 1932 SD St Univ; 1933-34 Univ of WI.
Fields: 021, 026, 022.
Prev Emp: Assoc Dir, Water Res Council, Washington DC 1966-72; Dir, NRED-ERS-USDA, Washington DC 1962-66.
Pub: Principles & Standards for Planning, Water Resources Council 1970; Nations Water Resources, Washington DC 1968; Land & Water, A Policy Guide, USDA, Washington DC 1962.
Mbr: AAAS.
Hon: Who's Who in the U.S.; Alpha Zeta; USDA-Superior Service Award.

STEELE, Howard L., Room 3512 South Bldg, 14th & Independence Avenue, Washington DC 20250; PH 202-447-3308.
Leader Middle East Prog, ERS-USDA (16) 06, 22, 18.
b. 1929 Pennsylvania; M-3.
BS 1950 Washington & Lee Univ; MS 1952 PA St Univ; 1956-58 Clemson Univ; PhD 1962 Univ of KY.
Fields: 014, 073, 118, 095.
Prev Emp: Assoc Prof, OH St Univ, Columbus OH 1964-71; Vstg Prof, Univ of Sao Paulo Brazil 1964-66; Assoc Prof, Clemson Univ 1956-64.
Pub: Comercializacao Agricola (Agricultural Marketing) Sao Paulo, Brazil 1971; Export Opportunities for Vietnam Fish Products in Japan, Washington DC 1973; Demand and Supply Situation for Vietnam Fishery Products, Washington DC 1974.
Lang: Por 1-1-1, Sp 1-3-2.
Mbr: AAAS; IAAE; SID.
Hon: Who's Who in the South & Southwest; Am Men & Women of Science; Leaders in Am Science; Gamma Sigma Delta; Outstanding Young Men of America 1965; Dist Serv Award, Jaycees 1964.

STEELE, John T., ERS-FDD-IT, Rm 3542-S, USDA, Washington DC 20250; PH 202-447-7515.
Prog Spec, Intl Trng, ERS-USDA (16) 22.

b. 1937 Missouri; M.
BS 1959 Univ of MO; MS 1962 MT St Univ; PhD 1968 Univ of WI.
Fields: 073, 012,022.
Prev Emp: Assoc Prof, TX A&M Univ, College Station 1974-75; Chf of Party, TX A&M Univ, Castelar, Argentina 1971-74; Agr Econ, TX A&M, College Station & Argentina 1968-71.
Pub: Tenure Processes in a Community in Minas Gerais, Brazil, PhD Thesis Univ of WI 1968; Estimation of Costs and Returns in Cotton Production, INTA, Argentina 1968; Economic Aspects of Managing, Feeding and Marketing Swine, INTA, Argentina 1970.
Lang: Sp 1-1-1, Por 1-1-1.
Mbr: AEA; RSS; IAAE.
Hon: Fulbright Grant, Pakistan 1961-62; Alpha Zeta.

STEELE, William J., Southwest Region, Herring Plaza, Box H-4377, Amarillo TX 79101; PH 806-376-2252.
Econ, Bureau of Reclamation (13) 15, 17.
b. 1947 Washington DC; M-1.
BS 1969, MS 1972 Clemson Univ.
Fields: 021, 026, 035.
Prev Emp: Chf, Plng Div, SC Water Resources Comm, Columbia SC 1972-75.
Pub: Demographic & Economic Profile of Charleston SC, Columbia SC 1974; The Effects of Air Pollution on House Values in Charleston, South Carolina, MS Thesis Clemson SC 1972; The Cooper River - Santa Cooper Lakes Navigation System, Columbia SC 1974.
Mbr: SRSA; Toastmaster Intl; Resv Off Assoc.
Hon: Who's Who Among Am Colleges & Universities SRS 1969.

STEELE, William S., FDCD-ERS-USDA, Rm 348, 500 12th Street SW, Washington DC 20250; PH 202-447-9100.
Act Dep Dir, FDCD, ERS-USDA (16) 07, 06.
b. 1942 Pennsylvania; M-2.
BS 1964, MA 1966, PhD 1970 PA St Univ.
Fields: 110, 017, 074, 014.
Pub: Frances' Institutional Food Market, ERS-USDA 1973; Food Marketing in West Germany, ERS-USDA 1972; Imports of Processed Agr Commodities: Consumption Determinants, PA St Univ 1970.
Lang: Fr 2-3-3.
Mbr: AEA.
Hon: Omicron Delta Epsilon, USDA's Young Exec Committee; USDA Superior Serv-Grp Award 1975.

STEEN, Dwight R., Am Embassy (USAID), APO New York NY 09889.
Agr Econ, USAID-El Salvador (24) 03, 18, 22.
b. 1944 Ohio; M-3.
BS 1967 OH St Univ; MS 1971 Univ of MA.
Fields: 011, 012, 073.
Prev Emp: Res Asst, Univ of MA, Amherst 1970-71; Volunteer, Peace Corps, Cochabamba, Bolivia 1967-69; Farm Mgr, Family Farm, Van Buren OH 1960-65.
Lang: Sp 1-1-1.
Mbr: AEA; IAAE.
Hon: Phi Kappa Phi.

STEFANOS, Seyoum, Ministry of Agr, Plng, Prog Dept, PO Box 1232, Addis Ababa, Ethiopia.

STEICHEN, Joe C., Route 1, Box 183, Ponc City OK 74601; PH 405-765-3965.
Farmer-Rancher, Self-Employed (75) 21.
b. 1921 Oklahoma; M-5.
BS 1943, MS 1959 OK St Univ.
Fields: 012, 017, 013, 151.
Prev Emp: Veterans Agr Instr & Supr, Pon City Public School, OK 1946-63.
Mbr: Ponca City Board of Educ; Union #98 Board of Educ, President 14 years.

STEIDLMAYER, Paul K., Inst of Agribusine Univ of Santa Clara, Santa Clara CA 95053; PH 408-984-4242.
Asst Prof, Univ of Santa Clara (03) 08,
b. 1942 USA; U.
PhD 1975 Stanford Univ; ThM 1976 Harvar Univ.
Fields: 017, 071, 069.
Pub: The Da Zhai Model in Chinese Agricu ture 1964-74, PhD Dissertation, Xerox Univ Microfilms 1975; La Politique Ag cole en Chine, Economie Rurale, Paris 1976; Comment Evolue L'Agricole Chino Project, Paris 1976.
Lang: Mandarin 1-2-1, Sp 1-2-2, Fr 1-2-
Mbr: AEA; Jesuits; Assoc of Asian Studi

STEINBERG, Lionel, P O Box 501, Thermal CA 92274.

STEINER, Herbert H., USDA-ERS, 500 12th Street SW, Washington DC 20250; PH 20 447-8966.
Agr Econ, USDA (16) 07.
b. 1915 Switzerland; Citz: USA; M-5.
BA 1937 Univ of MI; 1938 Univ of MD; 19 MI Grad School; 1939-41 NY Univ Grad School; MS 1964 Univ of MD.
Fields: 011, 012, 022, 027.
Prev Emp: Prog Officer, Am Inst Free La Devl, Recife, Brazil 1964-70; Dairy Farmer, Self-Employed, Marriottsville MD 1949-64; Stat Anal, Western Elec C Kearney NJ 1943-49.
Pub: Structure of Algerian Socialized A culture, Univ of MD 1965; Mozambique' Agricultural Economics in Brief, Wash ton DC 1976.
Lang: Fr 1-1-1, Ger 1-1-1, Por 1-1-1.
Mbr: IAAE.

STEINER, Michael P., 110 Clarendon, Greyhound Tower, Phoenix AZ 85253; PH 602-248-4918.
Dir, Long Range Plng, Armour Food Co (51) 05, 10, 15.
b. 1940 Wisconsin; M-3.
BS 1962, MS 1964, PhD 1966 Univ of WI.
Fields: 093, 100, 070.
Prev Emp: Staff Econ, Price Commission, Cost of Living Council, Washington DC 1972-73; Assoc Prof, Univ of NE, Medallin Colombia 1968-70; Asst Prof, Univ of ID, Moscow 1966-68.
Lang: Sp 1-1-1, Fr 2-3-3.

STEINMUELLER, Milton H., 323 Natural Resources Bldg, Resource Devl Dept, MI St Univ, East Lansing MI 48824; PH 517-355-3414.
Professor, MI St Univ (03) 08, 07.
b. 1924 Washington; M-2.
BS 1949, MA 1952 WA St Univ; PhD 1958 MI St Univ.
Fields: 026, 024, 027, 076.
Mbr: Marine Technology Soc; SCSA; AAUP.
Hon: Dist Faculty Award, MI St Univ 1976.

STELZER, Roland O., 6407 Queen Chapel Rd, Hyattsville MD 20782.
Retired (23) 26.
b. 1901 Wisconsin; M-4.
BS 1926, MS 1930 Univ of WI.
Fields: 017.
Prev Emp: Dep Dir, Policy Prog Appraisal Div, Dept of Agr - ASCS, Washington DC 1961-70; Econ, USDA, ASCS, Washington DC 1942-61; Econ, Univ of DE, Newark, 1935-42.
Mbr: OPEDA; NARFE.
Hon: USDA Superior Serv Award.

STEMBERGER, Anthony P., 111-A Weaver Bldg, PA St Univ, University Park PA 16802; PH 814-865-0467.
Professor, PA St Univ (03) 07, 08, 11.
b. 1920 Austria; Citz: USA; M-4.
BS 1951, MS 1953 PA St Univ; PhD 1956 NC St Univ.
Fields: 014, 011, 016, 017.
Prev Emp: Asst-Assoc Prof, NC St Univ, Raleigh NC 1956-62.
Pub: Direct Egg Marketing, Univ Park PA 1973; Alternative Systems Distribution for Mushrooms, Univ Park PA 1972; Comm Egg Pricing, Wooster OH 1969.
Lang: Slovene 2-2-1.
Mbr: Poultry Science Assoc.
Hon: Am Men & Women of Science; Phi Kappa Phi; Pi Gamma Mu.

STEPHANSKY, Joseph D., Dept of Agr Econ, MI St Univ, East Lansing MI 48824.
Student.
b. 1951 Michigan; M.
BS 1973 Univ of MI; MS 1976 to date, MI St Univ.
Fields: 045, 025, 038.

STEPHENS, W. P., Dept of Agr Econ, PO Box 3189, New Mexico St Univ, Las Cruces NM 88003.

STEPP, James M., 221 Barre Hall, Dept of Agr Economics, Clemson Univ, Clemson SC 29631; PH 803-656-3374.
Alumni Professor, Clemson Univ (03) 08, 07, 18.
b. 1913 North Carolina; M-4.
BA 1937 Berea College; MA 1938, PhD 1940 Univ of VA.
Fields: 021, 026, 035, 047.
Prev Emp: All Academic Ranks, Clemson Univ 1940-1943; Agr Econ, BAE, USDA, Atlanta GA 1944.
Pub: Economics of Environmental Quality, AEI, Washington DC 1972; Water Supply Needs in Multi-County Area, Clemson SC 1974; Effects of Price Change on Water Use, Clemson SC 1975.
Mbr: AEA; SRSA, President 1974-75; SEA, V. President 1954.

STEVENS, Harold F., USDA-AMS, GR Div, PA Group, Washington DC 20250; PH 202-447-9172.
Agr Econ, USDA (21) 11, 12, 19.
b. 1922 Ohio; M-1.
BS 1947 OH St Univ; 1957-63 Univ of AR; 1965-66 USDA Grad School; 1974 Univ of MD.
Fields: 014, 111, 016, 083.

STEVENS, Joe B., Dept of Agr & Resource Econ, OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Assoc Professor, OR St Univ (03) 07, 08.
b. 1936 Colorado; M-2.
BS 1954 CO St Univ; MS 1962 Purdue Univ; PhD 1965 OR St Univ.
Fields: 121, 020, 030.
Prev Emp: Asst Prof, Univ of CA, Berkeley 1965-66.
Pub: Use Rates, Resource Flows and Efficiency of Public Investment in Range Improvements, AJAE 1972.
Mbr: WAEA.
Hon: Published Research Awards, AAEA & WAEA 1973.

STEVENS, Robert D., Dept of Agr Economics, MI St Univ, East Lansing MI 48824; PH 517-353-1667.
Assoc Professor, MI St Univ (03) 07, 08.
b. 1927 Massachusetts; M-4.
BA 1950 Princeton Univ; PhD 1959 Cornell Univ.
Fields: 073, 042.
Prev Emp: Econ, ERSUS, Dept of Agr, Washington DC 1962-64; Vstg Prof, Agr Devl Council, Bao Loc Vietnam 1959-61.
Pub: Rural Development in Bangladesh and Pakistan, Univ Press of HI 1975; Elasticity of Food Consumption, ERS-USDA 1965; Review of Measures of Farm Income, Indian Jour of Agr Economics 1963.

Lang: Fr 2-0-3, Sp 3-0-0.
Mbr: AEA; Assoc for Asian Studies; SID.
Hon: Who's Who in America; American Men & Women of Science; BA W/Honor; Sigma Xi; Ford Foundation Fellowship.

STEWART, Alfred, PO Box 959, ASU, Lorman MS 39096; PH 601-877-3711.
Assoc Professor, Alcorn St Univ (03) 08, 07.
b. 1918 Louisiana; M-4.
BS 1949 So. Univ, LA; MS 1956, PhD 1969 LA St Univ.
Fields: 141, 034.
Prev Emp: Supr, St Dept of Educ, Baton Rouge LA 1966-72; Tchr, Ascension Parish Public School System, Donaldsonville LA 1949-66.
Pub: The Role of Supervision, Agr Ed Jour 1971; Evaluation as a Mean to Improved Trading, Agr Ed Jour 1971.
Lang: Fr 3-0-0, Ger 3-0-0.
Mbr: AAUP; NEA; SAEA.
Hon: Leaders in Educ; Laymen ot the Year-United Methodist Church.

STEWART, Clyde E., PO Box 1290 College Station, Logan UT 84322; PH 801-752-4100.
Leader Fields Resource Group, USDA-ERS-NRED (16) 07, 06.
b. 1913 Utah; M-3.
BS 1935 UT St Univ; MS 1948, PhD 1951 IA St Univ.
Fields: 021, 026.
Prev Emp; Agr Econ, ERS-USDA, Bozeman MT 1950-55, Ames IA 1946-50, Other 1936-45.
Pub: Economic Impacts of Water Quantity & Quality Constraints, UT St Univ 1969; Desert Land Act-Issues and Problems, Washington DC 1964; Economic Problems of Irrigations Development, Bozeman MT 1961.
Mbr: WAEA, V. President 1969; WRSA.

STEWART, Fred J., 1130 McCarty Hall, Univ of Florida, Gainesville FL 32611; PH 904-392-2342.
Agr Econ, USDA-ERS (16) 07, 15.
b. 1945 USA; M-2.
BS 1967 Univ of MT; PhD 1975 Univ of KY.
Fields:020, 073, 159.
Lang: Ger 3-3-3.
Mbr: SAEA.
Hon: Phi Kappa Phi; Phi Etta Sigma.

ST. GEORGE, George E., 260 GHI Bldg, 500 12th Street SW, Washington DC 20024; PH 202-447-9203.
Agr Econ, USDA-ERS-NEAD (16) 15, 07.
b. 1943 Montana; M-1.
BS 1967; 1970-71 Montana; PhD 1976 PA St Univ.
Fields: 081, 051, 015, 083.
Prev Emp: Res Assoc, MT St Univ, Bozeman 1968-70.
Mbr: AEA.

STICE, Leslie F., 305 Mumford Hall, Dept of Agr Econ, Univ of Illinois, Urbana IL 61801; PH 217-333-4132.
Professor, Univ of IL (03) 09.
b. 1908 Oklahoma; M-3.
BS 1937 OK St Univ; 1938 OK St Univ; 1941 42 Univ of IL.
Fields: 014, 018, 017, 112.
Prev Emp: Ext Econ, OK St Univ, Stillwate 1939-41; Mgr & Clerk, Ideal Food Store, Elkhart KS 1931-35.
Pub: Guidelines for Country Grain Elevators, Univ of IL 1965.
Mbr: AAUP.
Hon: Alpha Zeta; Gamma Sigma Delta.

STICKLAND, Ken W., Policy Component Rm 330, Transportation Bldg, Edmonton, Alberta, Canada; PH 403-427-5226.
Agr Trans, Alberta Dept of Transportation (40) 18, 09, 21.
b. 1948 Canada; Citz: Canada; M-2.
BSA 1970, MS 1976 Univ of Alberta.
Fields: 017, 014, 113, 019.
Prev Emp: Sales Dir, Alberta Export Agenc Edmonton 1973-75; Coord of Youth Educ, REDA, Edmonton, 1973-75; Res Asst, Pr Prices & Incomes Commission, Ottawa, 1970.
Pub: Policy Model of Grain Handling & Transportation System, Thesis, Edmonto Canada 1976.
Lang: Fr 2-0-0.
Mbr: AIC.
Hon: Wall Street Journal Student Achieve ment Award 1970; Gold Key; Grad W/ 1st Class Standing.

STICKLEY, S. Thomas, Dept of Agr & Appli Econ, Univ of Minnesota, St Paul MN 55101; PH 612-373-0945.
Assoc Professor, Univ of MN (03) 07, 03, 08.
b. 1934 Ohio; M-2.
BS 1956, MS 1964, PhD 1968 OH St Univ.
Fields: 013, 073, 118, 012.
Prev Emp: Asst Prof, Am Univ of Beirut, Lebanon 1968-73; Res Assoc, OH St Univ Columbus OH 1964-68.
Pub: Small Farmer Credit in Turkey, Jord Iran, Sudan and Middle East, AID Sprin Review of Small Credit 1973; Agricultural Credit Institutional Reform in the Middleast, FAO 1973; Determining Maximum Profit Farm Plans in the Central Beqa's (Lebanon) Am Univ of Beiru 1970.
Lang: Fr 1-3-2, Sp 1-3-2.
Mbr: AEA; SID; IAAE.
Hon: Gamma Sigma Delta; Alpha Zeta.

STILES, John S. Jr., Mkt Prog Br, Poul D AMS, USDA, Washington DC 20250; PH 202-447-7693.
Agr Econ, USDA (21) 19, 11, 15.

b. 1921 New York; M.
BS 1945 Cornell Univ; MS 1958 Univ of MD.
Fields: 014, 016, 018, 151.
Prev Emp: Ext Spec, USOM to Brazil 1954-56; Co Agr Agent, Co Agr Ext Service, NY St 1945-54.
Lang: Por 3-0-3.

STIPE, Sterling H., 303 Manly Miles Bldg, MI St Univ, E Lansing MI 48824; PH 517-355-1772.
Agr Economist, NRED-ERS-USDA (16) 15, 07, 06.
b. 1931 Georgia; M-3.
BS 1953 Auburn Univ; MS 1965 NC St Univ; PhD 1975 MI St Univ.
Fields: 020, 030, 081, 085.
Prev Emp: Dist Conservationists, Soil Cons Service, GA 1957-63; Field Artillery Off U.S. Army, Germany & CA 1955-57.
Pub: A Proposal and Evaluation of a Regional I-O Modeling System, PhD Dissertation 1975; A Summary of the Linear Programming Analysis for the Maumee River Basin Study, Inhouse Report 1975.
Mbr: Reg Sci Assoc; Resv Off Assn.
Hon: Kellogg Fellowship at NC St Univ 1963-65.

STITTS, Donald G., Dept of Agr Economics, Univ of Connecticut, Storrs CT 06268; PH 203-486-2742.
Assoc Professor, Univ of CT (03) 09, 08, 07.
b. 1930 Washington DC; M-2.
BA 1952 Univ of ME; MS 1965, PhD 1969 Univ of MN.
Fields: 017, 018, 014.
Prev Emp: Res Asst, Univ of MN, St Paul 1963-65; Ice Cream Prod Mgr, Marigold Dairies, Rochester MN 1958-62; Foreman, H P Hood & Sons, Boston MA 1955-58.
Pub: Marketing Margins for McIntosh and Red Delicious Apples, NAEC Jour, Oct 1975.
Lang: Sp 3-3-3.
Mbr: New England AEA; NAEC, Pres- Elect 1976.
Hon: Who's Who in America.

ST-LOUIS, Robert, Dept of Econ Rurale, Faculte D'Agr, Quebec, Canada; PH 418-656-3392.
Professor, Univ of Laval (03) 08, 07, 02.
b. 1940 Canada; Citz: Canada; M-2.
BA 1961 Univ of Sherbrooke; MS 1966 Univ de Montreal; PhD 1970 MI St Univ.
Fields: 070, 066, 073, 033.
Prev Emp: Agr Econ, Quebec Agr, Montreal 1970-71.
Pub: La Comercialisation Des Produits Agricoles, Quebec 1971; Modelization de Fermes, Montreal 1973; Modalite D'Adaptation Des Farmers Laitieres, Quebec 1975.
Lang: French; Other: Eng 2-3-2, Sp 2-0-0.
Mbr: CAES; Corp des Agr du Quebec, Ed Rev Committee.

STODDARD, Everett O., Rm 3052, South Bldg, USDA, Washington DC 20250; PH 202-447-2942.
Agr Econ, USDA (23).
b. 1933 Maine; M-1.
BS 1959, MS 1960 Univ of ME; PhD 1975 Univ of MD.
Fields: 014, 101, 104.
Lang: Fr 3-3-3.

STOECKER, Arthur, USOM/T O/AG, APO, San Francisco CA 96346.

STOEVENER, Herbert H., Agr & Resource Econ, Oregon St Univ, Corvallis OR 97331.
Professor, OR St Univ (03) 07, 08.
b. 1934 Germany; Citz: USA; M-3.
BS 1958 Cornell Univ; MS 1962, PhD 1963 Univ of IL.
Fields: 026, 038, 025, 033.
Lang: Ger 1-1-1, Sp 3-3-3, Fr 3-3-3.
Mbr: IAAE; WAEA, V. President 1973-74.
Hon: Am Men & Women of Science; Who's Who in the West.

STOKES, E. Clinton, 1615 H St NW Washington DC 20062; PH 202-659-6128.
Dir Agr Bus, Govt Affairs, Chamber of Commerce of U.S. (70) 18, 19.
b. 1918 Michigan; M-2.
BS 1942 MI St Univ.
Fields: 017, 112, 118, 014.
Prev Emp: Feed Salesman, Anderson-Clayton Co, Abilene TX 1952-53; Agr Econ, USDA, Washington DC 1947-51.
Pub: Marketing Facilities for Frozen Foods USDA 1950.
Mbr: Agr Rel Council; Natl Farm-City Council, Mbr of Board 1976; The Food Group, Washington DC, Chairman 1969-70.

STOKSTAD, Christian A., Survey Div, Stat Rep Serv, USDA, Washington DC 20250; PH 202-447-5038.
Dir Survey Div, SRS-USDA (22) 06.
b. 1917 Iowa; M.
BS 1938, 1 Year Univ of CA, Berkeley; 1-1/2 Year IA St Univ.
Fields: 011, 014, 018, 086.
Prev Emp: Chf, Price & Labor Br, SRS-USDA, Washington DC 1971-74; Head, Prices Rec Sect, SRS-USDA 1970-71; Head, Prices Paid Sect, SRS-USDA, Washington DC 1965-70.
Mbr: ASA.

STOLL, John R., Agr Sicence Bldg, Rm 709, Lexington KY 40506; PH 606-258-5762.
Res Asst, Univ of KY (03) 07.
b. 1951 Michigan; M.
BS 1973 Univ of WI.
Fields: 020, 030, 080.
Mbr: SAEA; Center for Study of Dem Inst.
Hon: Pres of Agr Econ Club, 1974-75.

STOLL, Roger J., Sir John Carling Bldg, Ottawa, Ontario, Canada K1A 0C5; PH 613-994-5571.
Agr Canada (36) 18.
b.1942 Ohio; M-2.
AA 1962 OH St Univ; BS 1965 OH St Univ; MS 1971 Cornell Univ; 1975-76 OH St Univ.
Fields: 077, 067, 012, 014.
Prev Emp: Ext Agent, OH St Univ, Medina OH 1973-75; Farmer, Self-Employed, N. Lawrence OH 1967-73.
Pub: The Farm Corporation - A Study, Cornell Univ 1971; Pecuniary-Quasi-Pecuniary Redistribution Plan-Analysis and Advocacy, The Jour of Economics 1976.
Mbr: MO Valley Econ Assoc.
Hon: Gamma Sigma Delta; Delta Tau Alpha; Towers.

STONE, Kenneth E., Room 305, Mumford Hall, Univ of Illinois, Urbana IL 61801; PH 217-333-2638.
Res Assoc, Univ of IL (03) 07.
b. 1936 Illinois; M-2.
BS 1958 Univ of IL; MMS 1971 TX Christian Univ; PhD 1976 Univ of IL.
Fields: 013, 090, 012.
Prev Emp: Oper Anal, Bell Helicopter Co, Ft Worth TX 1972; Flight Test Engineer, Gen Dynamics Corp, Ft Worth TX 1968-72.
Pub: A Computer in Your Future, American Farmer 1972; A Computer for Every Farmer, Jour of Systems Management 1972.
Mbr: ROA; AUSA.
Hon: Sigma Chi; Chi Gamma Iota.

STONE, Paul S., 3136-F D.H. Hill Library, NC St Univ, Raleigh NC 27607; PH 919-737-2885.
Ext Assoc Prof, NC St Univ (03) 09.
b. 1929 USA; M-2.
BS 1957, MS 1959, PhD 1969 NC St Univ.
Fields: 031, 046.
Prev Emp: Ext Asst Prof, NC St Univ, Raleigh 1969-71; Est Instr, NC St Univ, Raleigh 1963-69; Ext Farm Mgmt Spec, NC St Univ 1959-61.
Pub: The North Carolina Economy, NC Agr Ext Serv Cir #578, 1974; Planning for Tomorrow's Communities, NC Agr Ext Serv Cir #545, 1973.
Lang: Fr 3-0-3.
Mbr: CDS, Chrm of Educ Comm 1971; SAEA.
Hon: Phi Kappa Phi; BS 1957 W/High Honors; Kellogg Fellowship 1961-62 & 1963.

STONE, Percy H. Jr., PO Box 1797, SC St College, Orangeburg SC 29117.

STONE, Philip M., 2197 Riverside Drive, Ottawa, Ontario, Canada K1A 0Z2; PH 613-998-3887.
Econ, Canadian Dairy Commission (36) 18, 15, 07.
b. 1944 United Kingdom; Citz: Canada; M-2.
BS 1972 McGill Univ; MS 1974 Univ of Guelph.
Fields: 011, 014, 016, 017.
Prev Emp: Econ, Canada Agr, Ottawa 1974.
Pub: A Simulation Approach to Optimal Resource Allocation for White Veal Production in Ontario, MS Thesis, Univ of Guelph 1973; Agricultural Manpower, CFE 1975; Economics of Veal Productions Univ of Guelph 10th Annual Conf for Fee Manufacturers 1974.
Lang: Fr 1-2-1.
Mbr: CAES.

STONEBERG, Everett, 560 East Hall, Iowa St Univ, Ames IA 50011; PH 515-294-3000.
Professor, Iowa St Univ (03) 09, 07.
b. 1919 Iowa; M-3.
BS 1942, MS 1953 IA St Univ.
Fields: 012, 013, 018, 011.
Prev Emp: Asst Prof, IA St Univ 1946-59; Lt, US Navy, Various 1942-45.
Lang: Sp 3-0-0.
Mbr: ASFM&RA, College V. Pres 1975.
Hon: Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta.

STONEHOUSE, David P., CANFARM Data Systems, PO Box 1024, Guelph, Ontario, Canada N1H 2N2; PH 519-821-8000.
Res Econ, Agr Canada (78) 07, 09.
b. 1939 England; Citz: Canada; M-2.
BS 1970, MS 1971 Univ of Guelph; PhD 1976 Univ of Manitoba.
Fields: 011, 012, 014, 017.
Prev Emp: Lecturer, Univ of Manitoba, Winnipeg 1975; Res Asst, Univ of Guelph Ontario 1970-71.
Pub: A Linear Programming Model for Dairy Farm Planning, Univ of Guelph 1971.
Lang: Fr 2-2-2.
Mbr: CAES; AIC.

STOREY, Gary G., Dept of Agr Economics, Univ of Saskatchewan, Saskatoon, Sask, Canada S7N 0W0; PH 306-343-2236.
Assoc Prof, Univ of Saskatchewan (03) 08, 07, 09.
b. 1939 Canada; Citz: Canada; M-2.
BSA 1963, MS 1966 Univ of Sask; MA 1968, PhD 1970 Univ of WI.
Fields: 014, 111, 026, 031.
Prev Emp: Asst Prof, Univ of Sask, Saskatoon 1970-73; Res Asst, Univ of WI, Madison 1967-69; Res Epec, Govt of Sas Regina, Canada 1964-66.
Pub: Systems Analysis of Hydropower Production on the Wisconsin River, Univ of WI Water Res Center 1970; Temporal Price Relationships in the Vancouver Rapeseed Futures Market, CJAE 1975.
Lang: Fr 2-3-3.
Mbr: CAES, Sec 1972-73, Councillor 1973-75.

STOUT, Roy G., PO Drawer 1734, Atlanta GA 30301; PH 404-897-3255.
Mgr, Mktg Res Dept, Coca-Cola USA (51) 07, 01, 11.
b. 1928 USA; M-3.
BS 1950 WV Univ; MS 1952 VPI & St Univ; PhD 1960 NC St Univ.
Fields: 050, 090.
Pub: Measuring Small Changes in a Marketing Variable, Jour of Mktg Research 1970; Developing Data to Estimate Price- Quantity Relationships, Jour of Mktg 1969.
Mbr: AMA; Adv Res Foundation.

STOVALL, John G., 500 12th Street SW, Washington DC 20250; PH 202-447-8860.
Assoc Dir, CED - ERS-USDA (16) 06, 07.
b. 1932 Kentucky; M-2.
BS 1964 TN Tech; MS 1960, PhD 1962 Univ of KY.
Fields: 017, 011, 016, 018.
Prev Emp: Field Res Coord, FPED-ERS-USDA, Washington DC 1972-73; So. Field Grp Head, FPED-ERS-USDA, Lexington KY 1967-72; Agr Econ, TVA, Muscle Shoals AL 1962-64.
Pub: An Economic Analysis of the Institutional Farm System in Kentucky, KY Agr Exp Station Progress Rpt #107, Dec 1961; Income Variation and Selection of Enterprises, JFE 1966; An Overview of Social and Economic Issues Confronting the Tobacco Industry in the Seventies, Lexington KY 1971.
Lang: Sp 2-0-3, Fr 3-0-0.
Mbr: SAEA; WAEA.
Hon: Am Men & Women of Science.

STRAIN, James R., Food & Resource Econ Dept, 1157 McCarty Hall, Univ of Florida, Gainesville FL 32611; PH 904-392-1881.
Prof, Ext Econ, Univ of FL (03) 09.
b. 1925 Indiana; M-2.
BS 1950, MS 1955 Purdue Univ; PhD 1957 OR St Univ.
Fields: 014, 091, 101, 094.
Prev Emp: Prof & Ext Econ, IA St Univ 1957-76.
Pub: The Economic Structure and Significance of the Iowa, Minnesota and Wisconsin Canning Industry, Ames IA 1963; Relationship Between Plant Size and Cost of Processing Fluid Milk in Oregon, OR St Univ 1960; Marketing Farm Products (6th Edition) IA St Univ Press 1976.
Lang: Ger 3-3-3, Fr 3-3-3.
Mbr: CAES; WAEA.
Hon: Personalities of the West & Midwest; Am Men & Women of Science; Who's Who in the Midwest; Dist Service Award-AMPA 1970; Natl Register of Sci & Tech Personnel.

STRAND, Edwin G., CED-ERS-USDA, 500 12th Street SW, Washington DC 20250; PH 202-447-4997.
Agr Econ, ERS-USDA (16) 07, 20, 22.
b. Minnesota; M-3.
BS 1932, 1932-39 Univ of MN; 1945-46, 1951-52 USDA Grad School; 1954-56 IA St Univ.
Fields: 011, 020, 152, 080.
Prev Emp: Agr Econ, ARS-USDA, Washington DC 1954-62; Agr Econ Cons, ICA & Univ of Chile, Santiago, Chile 1960; Agr Econ, BAE-USDA, St Paul, Milwaukee, Washington DC 1937-54.
Pub: Costs & Returns: Corn Belt Farms, ERS-USDA 1969; Productivity of Resources on Farms, USDA 1955; Soybeans in American Farming, BAE-USDA 1948.
Lang: Swe 2-2-1, Sp 2-3-3.
Hon: Gamma Sigma Delta; Phi Delta Kappa.

STRANG, Daniel R., Dept of Econ & Mgmt Science, SUNY, Geneseo NY 14454; PH 716-245-5465.
Asst Professor, St Univ of NY, Geneseo (03) 08, 07.
b. 1944 New York; M-2.
BS 1966, MS 1968, PhD 1975 Cornell Univ.
Fields: 014, 093, 015.
Pub: Impact on Milk Assembly Costs of Daily Milk Pick-Ups, Jour of NAEC 1976; An Economic Analysis of Sources and Magnitudes of Inefficiency in Bulk Milk Assembly, Thesis 1975; Data Processing, Robert J Brady Company 1976.
Mbr: NAEC; W. NY Econ.

STRAWN, Harry B., AL Coop Ext Service, Auburn Univ, Auburn AL 36830; PH 205-826-4964.
Resource Devl Econ, AL Coop Ext Service (03) 09.
b. 1940 North Carolina; M-1.
BS 1962 NC St Univ; MS 1964, PhD 1969 Univ of TN.
Fields: 031, 014, 019, 113.
Prev Emp: Asst in Agr Econ, Univ of TN, Knoxville 1965-69, 1962-64.
Pub: Considerations for Ind. A Rural Area, Auburn Univ 1973; Fac to Consider in Developing a Sol Waste System, Auburn Univ 1971; Effects of Alt Modes of Trfr on Corn Marketing, Univ of TN 1969.
Lang: Fr 2-3-2.
Mbr: AMA; SAEA; So. Ind Devl Council.

STREDEL, Juan, Terrazas, Las Acacias Avenue, Urimare Ota Margla, Caracas, Venezuela.

STREET, Donald R., Dept of Economics, Auburn Univ, Auburn AL 36830; PH 205-826-4260.
Assoc Professor, Auburn Univ (03) 08, 07.

b. 1933 Alabama; M-1.
BS 1959, MS 1961 Auburn Univ; PhD 1965 PA St Univ.
Fields: 060, 020, 104, 073.
Prev Emp: Res Econ, ERS-USDA, PA 1961-65.
Lang: Sp 1-1-1, Fr 2-3-3.
Mbr: AEA; SEA; WEA.
Hon; Am Men & Women of Science.

STRICKLAND, Roger P., ERS-USDA, Rm 446, 500 12th Street SW, Washington DC 20250; PH 202-447-3055.
Dep Dir, Data Serv Center, ERS (16) 06, 07, 14.
b. 1941 North Carolina; M.
BS 1964, MS 1966 NC St Univ; PhD 1970 MI St Univ.
Fields: 081, 084, 083.
Prev Emp: ADP Coord, ERS-USDA, Washington DC 1974; Econ, ERS-USDA, Washington DC 1970-73.
Pub: World Rice Study, USDA 1975; Interfacing MPS/360 With Fortran, USDA 1972; Storing and Handling Cotton: Costs, USDA 1971.

STROCK, Ralph L., MD Coop Milk Prod Inc, 1717 Gwynn Oak Avenue, Baltimore MD 21207.

STROHBEHN, Roger W., Rm 428, 500 GHI Bldg, 12th Street SW, Washington DC 20250; PH 202-447-2352.
Dept Dir, USDA-ERS-NRED (16) 06, 19.
b. 1932 Iowa; M.
BS 1954, MS 1959 IA St Univ; PhD 1965 Univ of IL.
Fields: 020, 026, 033.
Prev Emp: Chf-Env Econ Br, USDA-ERS-NRED, Washington DC 1971-73; Asst to Dir, USDA-ERS-NRED, Washington DC 1969-71; Field Group Leader, USDA-ERS-NRED, East Lansing MI 1967-69.
Pub: Agr Flood Control Benefits, Corps & Engineers 1971; Res Productivity & Income Dist, Univ of IL 1966; Ownership of Land in the S.E., ERS-USDA 1963.
Mbr: AEA; SCSA.
Hon: Am Men & Women of Science; Alpha Zeta; Gamma Sigma Delta.

STROM, Jay L., Box 1024, Guelph, Ontario, Canada; PH 519-821-8000.
Sr. Econ, CANFARM (17) 07, 20, 09.
b. 1937 Minnesota; M-3.
BS 1959 Univ of MN; MA 1967, PhD 1972 Purdue Univ.
Fields: 011, 012, 083.
Prev Emp: Farm Mgr, Fellows to Latin Am, Argentina 1967-69.
Pub: Cash Plan, CANFARM-Canada 1975; Ontario Dairy Farm Planning, Canada 1974.
Lang: Sp 2-3-1.

STRYKER, Josiah D., Fletcher School of Law & Diplomacy, Tufts Univ, Medford MA 02155; PH 617-628-5000.
Assoc Prof, Fletcher School, Tufts Univ (03) 08, 07, 22.
b. 1936 Hawaii; M-3.
BS 1958 US Naval Academy; PhD 1967 Columbia Univ.
Fields: 070, 110, 010, 047.
Prev Emp: Asst Prof, Yale Univ, New Haven CT 1967-72; Preceptor, Columbia Univ 1965-67; US Navy Lt 1958-62.
Pub: Pop Density, Agr Tech and Land Use, An Econ Review 1976; Malian Cattle Industry, Jour of Modern African Studies 1974; Exports and Growth in the Ivory Coast, Peargar & Cownie, Commodity Exports & African Econ Devl 1974.
Lang: Fr 1-2-1.
Mbr: AEA; PAA; African Studies Assoc.
Hon: Dir, AEA.

STUBBLEFIELD, Thomas M., Dept of Agr Econ Bldg 36, Univ of Arizona, Tucson AZ 85721; PH 602-884-1234.
Prof & Agr Econ, Univ of AZ (03) 07, 08.
b. 1922 Oklahoma; M-3.
BS 1948 NM College of Agr; MS 1951 TX A&M 1953-55 Univ of AZ; PhD 1956 TX A&M Univ.
Fields: 030, 020, 014, 012.
Prev Emp: Chf of Party, Univ of AZ-AID Contract, Fortaleza, Brazil 1968-70; Asst Dir, Agr Exp Station, Tucson AZ 1966-68; Ext Econ, Univ of AZ, Tucson 1951-54.
Lang: Por 0-3-2, Sp 0-2-2.
Mbr: WAEA.
Hon: Omicron Delta Epsilon; Who's Who in the West.

STUCKMAN, Noel W., PO Box 960, Lansing MI 48904; PH 517-485-8121.
Gen Mgr, MI Agr Coop Mktg Assoc (52) 01, 11, 07.
b. 1934 Indiana; U.
BS 1957 Purdue Univ; MS 1959 MI St Univ.
Fields: 014, 015, 016, 012.
Prev Emp: Mgr Mkt Devl Div, MI Farm Bureau, Lansing MI 1965-71; Mktg Spec, Mkt Devl Div, MI Farm Bureau, Lansing 1960-65; Res Spec, MI St Univ, E. Lansing MI 1959-60.
Mbr: AMA.

STULP, Valter J., Avenida Joao Pessoa No. 31, Porto Alegre RS Brazil.

STUMP, Robert K., PO Box 3087, W 818 Riverside, Spokane WA 99220; PH 509-747-6111.
Anal Mktg Res, Cominco Am Inc (52) 07.
b. 1951 Iowa; M.
BS 1973 W IL Univ; MA 1976 WA St Univ.
Fields: 014, 012, 013.
Prev Emp: Assoc Mgr, Fed Land Bank Assoc, Bloomington-Eureka IL 1973-74.
Hon: Alpha Zeta.

STURM, Norman D., 1416 Ninth Street, Sacramento CA 95814; PH 916-445-2755.
Chf Econ, CA Dept of Water Resources (40) 18, 22, 19.
b. 1914 Washington; M-1.
BS 1937 Univ of CA, Berkeley.
Fields: 021, 039.
Prev Emp: Asst Econ, US Corps of Engineers, Sacramento CA 1946-47.
Lang: Fr 3-0-0.
Mbr: WAEA; CA St Chamber of Commerce; Econ Stabilization Comm.

STURT, Daniel W., US Dept of Labor, 601 D Street, Washington DC 20004; PH 202-376-6755.
Dir, Rural Empl/Serv, US Dept of Labor (14) 06.
b. 1924 Virginia; M-3.
BS 1947 VA Tech Univ; MS 1949, PhD 1954 Univ of WI.
Fields: 046, 118.
Prev Emp: Prof, MI St Univ, E. Lansing MI 1967-70; Dir, Rural Manpower Center, E Lansing MI 1965-70; Dist Ex Dir, MI St Univ, E. Lansing 1957-61.

SUBLETTE, Werner J., NE MO St Univ, Social Science Div, Kirksville MO 63501; PH 816-665-5121.
Asst Professor Economics, NE MO St Univ (03) 08, 07, 02.
b. 1942 Germany; Citz: USA; M-2.
1961-63 Univ of MD; BS 1965, 1965-67 AZ St Univ; PhD 1974 Univ of AZ.
Fields: 060, 043, 025, 026.
Prev Emp: Res Assoc, Univ of AZ, Tucson, 1971-73; Instr, Univ of AZ 1967-71; Plnr, City of Tucson Plng Div, AZ, 1968-70.
Pub: Outdoor Recreation in the Salt Verde Basin of Central Arizona-Demand & Value, Tucson AZ 1975; Demand for & Value of Outdoor Recreation in the Salt-Verde Basin of Arizona, Tucson AZ 1974.
Lang: German; Other: Sp 2-3-2, Fr 2-3-3.
Mbr: AEA; WEA; MO Valley Econ Assoc.
Hon: Omicron Delta Epsilon, Bota Gamma Sigma.

SUCHOMSKI, Lawrence B., 3801 Harney Street, Omaha NE 68131; PH 402-346-8004.
Dir of Materials, ConAgra (50) 12, 05, 10.
b. 1940 Illinois; M-4.
BS 1962, MS 1968 So. IL Univ.
Fields: 093, 018, 075.
Prev Emp: Mgr, Econ & Commodity Res, Con Agra, Omaha NE 1973-75; Asst to Exec Vice President, ConAgra, Omaha NE 1971-73; Econ Anal, Central Soya, Ft Wayne IN 1968-70.
Pub: Using Egg Futures, Feedstuffs 1974.
Mbr: Midwest Intl Trade Assoc, Board Mbr 1975-76.
Hon: Who's Who in Business & Finance.

SUGAI, Yoshihiko, IEA, Ave Miguel Stefano 3900, 01000 Sao Paulo, Brazil; PH 276-7866.
Res, Govt (40) 07, 18, 20.
b. 1939 Japan; Citz: Brazil; M-2.
BS 1963 Tokyo; MS 1967 UFV Brazil; PhD 1974 OH St Univ.
Fields: 011, 012, 017, 070.
Prev Emp: Asst, Tokyo Univ, Japan 1963-65.
Pub: PUblic Policy, PhD Dissertation 1975.
Lang: Japanese; Other: Por 1-1-1, Eng 2-2-2, Sp 2-3-2.
Mbr: Japanese AEA; Brazilian AEA.

SUGENG, Bank Rakyart Indonesia, Bag Percencanaan Operasionil, Jl, Veteran 8, Jakarta, Indonesia.

SULLIVAN, Gene D., Res Dept, Federal Reserve Bank, Atlanta GA 30034; PH 404-586-8814.
Res Off & Sr Econ, Federal Reserve Bank of Atlanta (36) 07, 15, 17.
b. 1935 Arkansas; M-4.
BS 1955 AR St Univ; MS 1957, PhD 1962 LA St Univ.
Fields: 013, 018, 011, 016.
Prev Emp: Assoc Prof, LA St Univ, Baton Rouge 1961-69; Grad Asst, LA St Univ 1959-61; US Army, US & France 1957-59.
Pub: Improved Fund Availability at Rural Banks: Board of Governors, Fed Res System, June 1975; Economics: Applications to Agriculture & Agribusiness, The Interstate Printers & Publishers, Danville IL 1971; Some Agribusiness in the Southeast, Federal Res Bank of Atlanta 1974.
Lang: Fr 2-0-1, Sp 2-0-1.
Mbr: SFA; SAEA; Fin Mgmt Assoc.
Hon: Phi Kappa Phi; Gamma Sigma Delta.

SULLIVAN, Glenn H., 205-A Horticulture Bldg, Purdue Univ, W Lafayette IN 47906; PH 317-749-2261.
Professor, Purdue Univ (03) 07, 08, 09.
b. 1941 Illinois; M-2.
BS 1963 W. IL Univ; MS 1965, PhD 1967 KS St Univ.
Fields: 014, 015, 017, 016.
Pub: Interregional Competition Processed Tomatoes, Jour Am Soc Hort Sci 1969; Interregional Competition, Cut Flowers, Jour Am Soc Hort Sci 1975; Interregional Competition, Processed Foods, FL Soc Hort 1973.
Lang: Fr 2-0-2, Ger 2-0-2.
Mbr: AMA; Intl Comm Hort Econ, Chrmn 1972-75; Am Soc Hort Sci, Rev Edt 1969-75.
Hon: Who's Who in America; Am Men & Women of Science; Putnam Food Proc Award.

SULLIVAN, Gregory M., Dept of Agr Econ, TX A&M Univ, College Station TX 77840; PH 713-845-3031.
Res Assoc, TX A&M Univ (03) 07, 23, 22.
b. 1948 Texas; U.
1966-67 Univ of Denver; BA 1970 Univ of Notre Dame; MA 1974 TX A&M Univ.
Fields: 014, 016, 073.
Prev Emp: Assoc & Tech Asst, TX A&M Univ, Tanzania 1975-76; Res Asst, TX A&M Univ, College Station 1975; Volunteer, Peace Corps/Action, Ghana, Africa 1970-73.
Pub: Cotton: Tables for Hedging Variable Costs, TX A&M Univ 1975.
Lang: Hansa 3-3-2, Swahili 3-3-2.

SULLIVAN, James D., 45 Cardinal Drive, Westfield NJ 07092; PH 201-233-0700.
Res Econ, Connell Rice & Sugar Company (51) 07, 15, 22.
b. 1942 Ohio; M-2.
BS 1965 OH St Univ; MS 1966 OH St Univ; PhD 1970 Univ of IL.
Fields: 016, 081, 014, 082.
Prev Emp: Dir, Mkt Res, Seald-Sweet Growers, Tampa FL 1974-76; Res Econ, USDA-ERS, Washington DC,1969-74; Grad Student, Univ of IL, Urbana, 1966-69.
Pub: A System Analysis of Hog Subsector, USDA-ERS 1976; Effects of Change in Vertical Coordination, USDA-ERS 1975; Supply Control Saving for Slaughtering-Processing Plants, USDA-ERS 1974.
Lang: 3-0-0, Ger 3-0-0.
Mbr: AEA.
Hon: Am Men & Women of Science.

SUMMERS, Larry V., 500 12th Street SW, Washington DC 20250; PH 202-447-7321.
Agr Econ, NEAD-ERS-USDA (16) 15, 07.
b. 1936 Idaho; M-5.
BS 1958, MS 1960 Univ of ID; PhD 1968 WA St Univ.
Fields: 018, 015, 014.
Prev Emp: Agr Econ, MED-ERS-USDA, Moscow ID 1967-71; Asst Prof, Univ of ID, Moscow 1962-67; Mktg Spec, Univ of ID, Aberdeen 1960-62.
Pub: Locational, Seasonal and Product Competition in Potato Industry, WA State 1968; Marketing Northwest Potatoes, Univ of ID 1971; National Food Situation, ERS-USDA, 1972-76 Quarterly.
Lang: Fr 2-0-0, Ger 3-0-0.
Hon: Alpha Zeta.

SUMNER, Daniel A., Dept of Economics, Univ of Chicago, Chicago IL 60637; PH 312-684-5982.
(03) 23, 07, 08.
b. 1950 California; D-1.
BS 1971 CA Polytechnic; MA 1973 MI St U., 1973 to date Univ of Chicago
Fields: 120, 011, 016, 081.
Mbr: AEA; Econometric Society.

SUN, Peter P., Asian Devl Bank, PO Box 789, Manila, Philippines; PH 80-72-51.
Proj Econ, Asian Devl Bank (67) 19, 22, 17.
b. 1933 China; Citz: Rep of China; M-2.
BS 1955, MS 1959 Chung-Hsing Univ, Taiwan; MS 1968, PhD 1972 Univ of CA-Davis.
Fields: 021, 011, 082, 118.
Prev Emp: Sr Agr Econ, Taiwan Water Cons Bureau, Taipei, Taiwan 1959-66.
Pub: Effects of Colorado River Water Quality & Supply on Irrigated Agr, Water Resources Res 1974; Welfare Considerations in Water Resources Allocation, Contriubted Paper AAEA 1973.
Lang: Chinese; Other: Eng 1-1-1.
Mbr: IAAE; Chinese Assoc of Rur Econ.

SUN, Theresa Y., 3743 Appleton Street NW, Washington DC 20016.

SUNDQUIST, Wesley B., Dept of Agr & Appl Economics, Univ of Minnesota, St Paul MN 55108; PH 612-373-0954.
Profesor & Head (03) 02, 07, 08.
b. 1927 North Dakota; M-2.
BS 1952 ND St Univ; MS 1953 Univ of KY; PhD 1957 MI St Univ.
Fields: 011, 017.
Prev Emp: Dep Admn, ERS, Washington DC 1970-71; Dir FPED-ERS-USDA, Washington DC 1965-70; Res Econ, ERS, St Paul MN 1958-65.
Pub: Resource Productivity & Income on West Kentucky Farms, Univ of KY 1955; Economic Analysis of Controlled Fertilizer Experiments in Michigan, MI St Univ 1959; Equilibrium Analysis of Income Improving Adjustments on Farms in Lake States Dairy Region, Univ of MN 1963.
Lang: Fr 2-0-0, Swe 2-0-1.
Mbr: IAAE.
Hon: Who's Who in America; Am Men & Women of Science; USDA Superior Serv Award 1969; AAEA Board of Dir 1970-72.

SUPALLA, Raymond J., Dept of Agr Econ, Box 3169, NM St Univ, Las Cruces NM 88003; PH 505-646-2825.
Asst Prof, NM St Univ (03) 07, 08.
b. 1944 Minnesota; M-1.
BA 1968 Univ of MN; PhD 1972 MI St Univ.
Fields: 030, 020.
Prev Emp: Grad Asst, MI St Univ, E. Lansing 1971-72.
Pub: Differences Between Planned and Unplanned Land Use, Res Rpt, NM St Univ 1973; Impact of Location Factors on Residential Property Values, NM St Univ 1975; Administration of Michigan's Welfare System, MI St Univ 1973.
Mbr: WAEA.

SUTAMADI, Achmad, Dept of Agr Economics, Fakulty of Agr, Gadjah Mada Univ, BB 271F27, Jl C Simandjuntak, Yogayakarta, Indonesia.

SUTON, Somboon, NE Agr Countil, Tha Phra Khon Kaen, Thailand.

SUTTON, Russell W., Dept of Agr Econ & Rur Soc, Clemson Univ, Clemson SC 29631; PH 803-656-3460.
Asst Professor, Clemson Univ (17) 09, 14.
b. 1941 Kentucky; M-2.
BS 1963, MS 1967, PhD 1974 Univ of KY.
Fields: 014, 012, 083, 151.
Prev Emp: Farmer, KY 1969-74; Beef-Records Mgr, CO St Univ, Ft Collins 1967-69; Asst Co Agent, Ext Serv, KY 1963-65.
Pub: Grain & Forage Harvesting Equipment: Overhead & Operating Costs, Lexington KY 1973; No-Till & Minimum-Till Corn Prod Systems: A Costs & Returns Evaluation, Lexington KY 1971.
Lang: Ger 2-2-0.

SUTTOR, Richard E., TA-AGR-ESP, Rm 2246 NS, Agency for Intl Devl, Washington DC 20523; PH 202-632-7935.
Agr Econ, Dept of State-AID (24) 07, 22, 06.
b. 1938 South Dakota; U.
BS 1960 SD St Univ; PhD 1965 IA St Univ.
Fields: 073, 081, 016, 024.
Prev Emp: Asst-Assoc Prof, Univ of MD, College Park 1965-69; Res Assoc, IA St Univ, Ames 1964-65.
Pub: Agr Sector Models: The Colombia Case, Regional Science Perspectives 1974; The Chesapeake Bay Oyster Fisheries, MD Agr Exp Sta 1970; Computer Models and Simulation, JFE 1964.
Lang: Sp 3-3-3.
Mbr: AEA; Natl Econ Club.

SWACKHAMER, Gene L., 490 L'Enfant Plaza SW, Washington DC 20578; PH 202-755-2164.
Dep Gov, Farm Credit Admn (32) 06, 18, 17.
b. 1938 Indiana; M-3.
BS 1960 Purdue Univ; MS 1963 Cornell Univ; PhD 1966 Purdue Univ.
Fields: 013, 131, 133, 084.
Prev Emp: Dir of Res, Farm Credit Admn, Washington DC 1970-74; Res Off & Econ, Fed Reserve Bank of Kansas City 1966-70; Res Instr, Purdue Univ, IN 1963-66.
Pub: A Management Control System for a Meatpacking Firm, PUrdue Univ 1966; Modern Agricultural Banking, Federal Reserve 1969; Factors Influencing New Food Products, Cornell Univ Bull., 1963.
Mbr: AEA; FMA; Inst of Mgmt Science.
Hon: Alpha Zeta; Sigma Xi.

SWANBERG, Kenneth G., Apartado Aereo 53016, Bogota, Colombia.
Agr Econ, Intl Devl Res Center (67) 22, 07, 18.
b. 1940 Minnesota; M-3.
BS 1963 Harvard Univ; MS 1971, PhD 1973 Cornell Univ.
Fields: 014, 121, 011, 054.
Prev Emp: Lt, Civil Affairs, State Dept, Vietnam 1968-69; Rur Econ Devl Worker, Council for Latin Am, Colombia 1965-66; Comm Devl Worker, ACCION, Venezuela, 1963-65.
Pub: Nutritional Status of Rural Family in Cundinamarca, Colombia, Stanford Food Res Inst 1975; Potential Impact on Nutritional Status of Reducing Marketing Costs in LDS's, Cornell Univ Thesis 1973.
Lang: Sp 1-1-1.
Mbr: CAES; Colombian Agr Econ Sco.

SWANER, James C., 121 Apache, Route 3, Iowa City IA 52240.
Prog/ Biostatistician, U.S. Govt (26).
b. 1947 Iowa; M-1.
BS 1969 Univ of Toronto; MS 1973 Univ of IA.
Fields: 083, 016.
Prev Emp: Quality Tech, Yoder Inc, Kalona IA 1974-75.
Pub: Hypercholestevolemia & Starvation, Am Jour Physiology 1975.
Lang: Sp 0-0-3.
Mbr: ASA.

SWANK, C. William, 245 N High Street, Columbus OH 43216; PH 614-225-8911.
Exec V. President, OH Farm Bureau Fed (53) 01.
b. 1931 Ohio; M-3.
BS 1953, MS 1956, PhD 1962 OH St Univ.
Fields: 017, 014.
Prev Emp: Res Asst, OH Devl & Res Center, Wooster OH 1955-56; 1st Lt, US Air Force, 1953-55.

SWANN, Tommy J., PO Box 367, Lubbock TX 79408; PH 806-763-5271.
Staff Econ, Water Inc (70) 07.
b. 1946 Texas; U.
BS 1969, MS 1972 TX Tech.
Fields: 021, 011, 035.
Prev Emp: Res Ass-Assoc, TX Tech, Lubbock, 1971-72.
Pub: Economics of Drylot Cow-Calf Enterprises, TX A&M Univ 1974; Texas High Plains Labor Emp Potentials 1980, TX Tech 1973; Econ Effects of Drylot Cow-Calf Enterprises, Texas Tech 1972.
Mbr: TX Water Consv Assoc.

SWANSON, Bruce L., 500 12th Street SW, Washington DC 20250; PH 202-447-8886.
Agr Econ, USDA (19) 07, 06.
b. 1932 New York; U.
BS 1954, OH St Univ; MS 1961 Univ of CA; PhD 1975 TX A&M Univ.
Fields: 014, 083.

SWANSON, Earl R., 305 Mumford Hall, Dept of Agr Economics, Univ of Illinois, Urbana IL 61801; PH 217-333-1828.
Professor, Univ of IL (03) 07, 08.
b. 1921 Illinois; M-3.
BS 1943 Univ of IL; MS 1948 Univ of MN; PhD 1951 IA St Univ.
Fields: 011, 026.
Prev Emp: Res Scholar, Intl Inst of Appl Sys Anal, Laxenburg, Austria 1975; Fulbright Res Scholar, Royal Coll of Agr, Denmark 1958-59; Res Fellow, IA St Univ, Ames 1948-50.
Pub: Evaluation of Agr Systems & Water Quality, Vol'82, Contribution to Econ Analysis North-Holland 1973; Programmed Normative Agr Supply Response, IA St Univ Press 1971; Potential Benefits of Weather Modification, IL Agr Econ 1972.
Mbr: SCSA; AAUP.
Hon: Sigma Xi; Am Men & Women of Science; Univ of IL Alumni Assoc - Award of Merit 1976.

SWANTZ, Alexander, 1003 Fairway Drive NE, Vienna VA 22180; PH 703-938-6420.
(75) 07, 10, 26.
b. 1919 Washington; M-2.
BS 1941 WA St College; MS 1949, PhD 1951 Univ of MN; 1965-66 Princeton Univ.
Fields: 010, 104.
Prev Emp: Assoc Admn, Commodity Exchange Authority, USDA, Washington DC 1968-74; Asst Dep Adm, Consumer & Mktg Serv, USDA, Washington DC 1967-68; Staff Econ, CMS-USDA, Washington DC 1966-67.
Pub: Federal Regulation of Trading in Commodity Futures Contracts, Washington DC 1973; Trading in Commodity Futures Contracts on Chicago Board of Trade, Washington DC 1973; Prices & Other Payments for Milk by Manufacturers in KS, MO & OK Markets, Washington DC 1955.
Hon: Who's Who in Am; Princeton Fellow in Pub Affairs 1966; Alpha Zeta.

SWART, Petrus J.A., 3051 Massachusetts Ave, NW, Washington DC 20008; PH 202-833-9224.
Agr Attache, Embassy of South Africa (78) 05, 10, 15.
b. 1946 South Africa; Citz: S. Africa; M.
M Comm 1970 Univ of Stellenbosch.
Fields: 017, 013, 018, 080.
Prev Emp: Econ-Stat, Dept of Agr Econ & Mktg, Pretoria 1973.
Lang: Afrikaans; Other: Eng 1-1-1, Ger 3-2-3.

SWEARINGEN, Charles H., Packers & Stockyards Admn, USDA, Washington DC 20250; PH 202-447-4193.
Agr Econ, USDA (23) 06, 19.
b. 1921 Kentucky; M-3.
BS 1943 W. KY Univ; MS 1956 Univ of KY.
Fields: 014, 102, 114.
Prev Emp: Res Asst, Univ of KY, Lexington 1955; Agr Tchr Instr, Pulaski Co Board of Education, Somerset KY 1946-50; LCDR US Naval Reserve 1943-46, 1950-54.
Pub: P& SA Resume, Statistical Issue, Washington DC, Annual.
Lang: Fr 2-3-3, Jap 3-3-3.

SWENSON, C. Geoffrey, PO Box 62, Bogor, Indonesia.
Assoc, Agr Devl Council Inc (72) 08, 04, 07.
b. 1942 USA; M-2.
BA 1964, MS 1967 Univ of MN; PhD 1973 MI St Univ.
Fields: 073, 062, 014.
Prev Emp: Res Asst, USAID, India 1971; Trng Assoc, Ford Found, India 1967-68.
Lang: Bahasa Indonesian 2-3-2.
Mbr: IAAE; AAPSS.

SWINBANK, Alan, Commission of the European Communities, 200 Rue de La Loi, 1040 Bruxelles, Belgium.
Comm of the European Communities (67) 03, 15.
b. 1946 United Kingdom. Citz: UK.
BS 1970 Reading (UK); MA 1971 McMaster (Canada); PhD 1975 London Univ (UK).
Fields: 017, 112.
Lang: Fr 2-2-2.
Mbr: AES (UK).

SWOPE, Daniel A., Agribusiness Prog, K367 Fed Bldg, Hyattsville MD 20782; PH 301-436-8623.
Agr Mktg Spec, USDA-ARS (15) 07, 08.
b. 1920 Pennsylvania; M-1.
BS 1942 PA St Univ; MS 1943 Cornell Univ; PhD 1958 PA St Univ.
Fields: 031, 014, 091, 101.
Prev Emp: Br Chf, USDA-ARS-FCB, Hyattsvill MD 1968-72; Dir, Econ & Stat Div, Natl Canners Assoc, Washington DC 1964-68; Assoc Prof, Univ of MD 1958-64.
Prospects for Revitalizing the Market for Sorghum Syrup, USDA, Washington DC 1975; Food & Nutrient Intake of Individuals in the U.S., USDA, Washington DC 1972.
Lang: Ger 2-3-2.
Mbr: AEA; AMA, V. Pres WA Chptr 1973-74; FDRS.
Hon: Am Men & Women of Science; Who's Who in the East.

SWORTZEL, C. McCheyne, c/o Paul M. Large, 600 Progress Street, Blacksburg VA 24060

SZADEK, Stephen A., 222 N. Central, Phoeni AZ 85004; PH 602-258-8596.
Econ III, AZ Water Comm (40) 18, 15, 19.
b. 1941 New York; M-2.
AAS 1962 NYS Agr & Tech Inst; BS 1970 Cornell Univ; MS 1972 Univ of DE.
Fields: 020, 031, 073, 118.
Prev Emp: Sr Econ-Plnr, Am Indian Cons, Scottsdale AZ 1974-76; Plnr II, DE St Plng, Dover DE 1972-74; Asst Prov Rep, USAID, Vitenam 1965-68.

Pub: Rural Economic Development Conditions in the Delmarva Peninsula, Newark DE 1973; A Profile of Delaware Housing, Dover DE 1974.
Lang: Pol 3-3-1, Vietnamese 2-1-2.
Mbr: SID; AIP; NYS College Alumni Assoc.
Hon: Dean's List, Cornell Univ; Grad Assistantship, Univ of DE.

TAFANI, Ricardo R., Cepec Ceplac Cx Postal 7, Cod Postal 45600, Itabuna, Bahia, Brazil.
Asst of Res, Cocoa Res Center (26) 07, 08, 18.
b. 1945 Argentina; Citz: Argentina; U. Contador Publico 1967 Univ del Centro, Arg; MS Rur Econ 1969 Univ Fed de Vicosa, Brazil; DrSc Candidate 1974 Realazing Thesis.
Fields: 105, 073, 033, 026.
Prev Emp: Sup Tecnic, Mins of Devl, Cordoba, Argentina 1969-74; Auxiliar Prof, Nacional Univ of Cordoba, Argentina 1970-72.
Pub: Especulaciones Teoricas Sobre Decisiones de Inversion caso del cacao, Boletin Tecnico CEPEC Ceplac 1975; Economic Life of Cocoa Trees in Bahia, Brazil, 5th International Cocoa Res Conference 1975; Comercializacao de Leite no Departamento Rio Cuarto, Cordoba, Argentina 1969, Fed Univ of Vicosa, MS Thesis 1969.
Lang: Spanish; Other: Eng 1-2-1, Por 1-1-1.
Mbr: IAAE.

TAFERE, Aschenaki, Ministry of Land Reform & Adm, PO Box 884, Addis Ababa, Ethiopia.

TAHMIN, Zachary M., 7 Glen Court, Greenwich CT 06830.

TAKAHASHI, Iichito, 10-1 Hakozaki-1-chome, Higashi-ku, Fukuoka 812 Japan; PH 092-641-1101.
Prof, Dept of Agr Econ, Kyushu Univ (03) 08, 07.
b. 1922 Japan; Citz: Japan; M-2.
BA 1947 Keio Univ; MS 1957 Cornell Univ; PhD 1973 Keio Univ.
Fields: 014, 101, 062.
Prev Emp: Head, Dept of Foreign Agr, Natl Research Inst of Agr Econ, Tokyo 1947-73.
Lang: Eng 1-1-1.
Pub: The Meat Economy-Competitive Structure Analysis, Nihon Hyoro-sha, Tokyo 1972; Bib on Agr in U.S. Jour of Farm Economics, Nat Res Inst of Agr Econ 1969. Mbr: Japan AEA; Japan EA.

TALBOT, Edward J., Lower Missouri Region, Bureau of Reclamation; USDI, Bldg 20, Denver Fed Center, Denver CO 80225; PH 303-234-3327.
Chief Repayment Br, Bur of Reclamation US Dept of Interior (13) 06, 17, 18.
b. 1912 England; Citz: USA; M-3.
BS 1934 Univ of MA; MS 1935 Cornell Univ.
Fields: 021, 013, 014, 091.
Prev Emp: Budget Examiner, Ex Off of Pres, Bur of Budget, Wash. DC 1958-61; Repayment Econ, Bur of Reclamation, Wash. DC 1946-57; Asst Prof, Univ of WY 1936-42.
Pub: Factors Affecting Loan Delinquency, Ithaca NY Production Credit Assn., MS Thesis, Cornell Univ 1936.
Mbr: U.S. Committee on Irrigation, Drainage & Flood Control.
Hon: Am Men & Women of Science.

TALBOT, Ross B., 503 Ross Hall, IA St Univ, Ames IA 50011; PH 515-294-8726.,
Professor, IA St Univ (03) 08, 07, 02.
b. 1919 Illinois; M-2.
BA 1941 IL Weslayan Univ; MA 1949, PhD 1953 Univ of Chicago.
Fields: 156, 017, 026, 118.
Prev Emp: Instr, Asst Prof, Univ of ND, Grand Forks, 1948-56.
Pub: The Policy Process in American Agriculture, Chandler Pub Company, San Francisco CA 1968; Pressures and Protests, Chandler Pub Company, San Francisco CA 1965.
Lang: Fr 1-3-3.
Mbr: APSA; Midwest Pol Sci Assoc; IAAE.
Hon: Phi Kappa Phi; Pi Sigma Alpha; Alpha Kappa Delta.

TALHELM, Daniel R., Fisheries & Wildlife Dept, MI St Univ, E Lansing MI 48824; PH 517-355-7493.
Asst Prof & Ext Spec, MI St Univ (03) 07, 08, 09.
b. 1941 Michigan; M-2.
BS 1964, MF 1965 Univ of MI; PhD 1972 NC St Univ.
Fields: 024, 025, 020, 060.
Prev Emp: Res Econ, MI Dept of Natural Resources 1971-75; Res Assoc, Univ of IL, Urbana 1971; Res Fellow, NC St Univ, Raleigh 1967-70.
Pub: Evaluation of Demand and Supply of Day Use in Michigan State Parks, MI Recreation Plan, MI Dept Natural Res 1974; Defining & Evaluating Recreation Quality, Trans 38th N. Am Wildlife & Nat Res Conf. 1973; Analytical Economics of Outdoor Recreation, Dissertation, NC St Univ 1972.
Lang: Ger 2-3-3.
Mbr: AEA; SAF; Midwest Forest Econ.
Hon: Xi Sigma Pi.

TALPAZ, Hovav, Dept of Agr Econ, Texas A&M Univ, College Station TX 77843; PH 713-845-2333.
Asst Prof, Texas A&M Univ (03) 07, 08, 15,
b. 1939 Israel; Citz: Israel; M-3.
BA 1963 Faculty of Agr, Rehovot, Israel; PhD 1973 MI St Univ.
Fields: 084, 081, 011, 026.
Prev Emp: Res Assoc, MI St Univ, E. Lansing 1970-73; Agr Econ, Ministry of Agr, Israel, Tel-Aviv 1964-70.

Pub: Multi-Frequency Cobweb Model: Decomposition of Hog Cycle, AJAE, Feb 1974; Strategy for Pesticide Use: Frequency and Applications, AJAE, Nov 1974; An Advanced Method for Economic Threshold Determination: A Positive Approach, SJAE, Dec 1975.
Lang: Hebrew; Other: Eng 1-1-1.
Mbr: SAEA; WAEA; Oper Res Soc of Israel.

TANG, Anthony M., Dept of Economics, Vanderbilt Univ, Nashville TN 37235; PH 615-322-2871.
Prof of Econ, Vanderbilt Univ (03) 08, 02, 07.
b. 1924 China; Citz: USA; M-6.
1941-42 L'Universite L'Aurore; BBA 1949 Loyola Univ, LA.
Fields: 071, 076, 069, 041.
Prev Emp: Vstg Univ, Natl Taiwan Univ, Taipei 1974-75; Vstg Prof, The Chinese Univ, Hong Kong, 1966-68; Vstg Prof, Univ of CA, Berkeley 1963-64.
Pub: Economic Development in Southern Piedmont, Univ of NC Press 1958; Policy and Performance in Chinese Agriculture, Chicago, Aldine 1968; Agr Trade, Development in Taiwan, Ballinger, Boston 1975.
Lang: Chinese; Other: Eng 1-1-1, Fr 1-2-3.
Mbr: ES, Prog Comm 1966; SEA, Ed of Jour 1963-66; AEA.
Hon: Who's Who in Am; Dir of Am Scholars; Ldrs in Educ; Am Men & Women of Sci; Who's Who in the World; AFEA Award for PhD Thesis 1956.

TANNER, Carolyn, Dept of Agr Econ, Univ of Sydney, Sydney, NSW 2006 Australia; PH 6921122.
Univ of Sydney (03) 08, 07.
b. 1946 Australia; Citz: Australia.
BS 1968 Univ of Sydney.
Fields: 017, 018, 041.
Prev Emp: Econ, NSW Dept of Agr, Sydney, Australia 1968-70.
Pub: a Survey of Students Attitudes to Methods of Teaching Farm Management, Australian Jour of Agr Econ 1975.

TANNOUS, Alif I., 6912 Oak Court, Annandale VA 22003.

TANSEY, Geoff, Food Policy, IPC Sci Tech Press, 32 High Street, Guildford, Surrey, England UU13EW.

TAUER, Loren Wm., Econ Dept, IA St Univ, Ames IA 50011; PH 515-294-5436.
Instr, IA St Univ (03) 08, 23, 07.
b. 1951 Minnesota; U.
BA 1973 SW MN Univ; MS 1975 SD St Univ.
Fields: 013, 014, 012, 072.
Prev Emp: Res Asst, SD St Univ, 1973-75.
Pub: The Role of Commercial Banks in Industrial Development in South Dakota, SD St Univ, MS Thesis 1975; Assessing the Economic and Public Finance Impacts of Industrial Development, SD St Univ Extension 1975.

TAYLOR, Charles R., Dept of Agr Econ, Texas A&M Univ, College Station TX 77843; PH 713-845-2333.
Asst Prof, TX A&M Univ (03) 07, 08.
b. 1946 Oklahoma; M.
BS OK St Univ; MS 1970 KS St Univ; PhD 1972 Univ of MO.
Fields: 020, 011, 081, 084.
Prev Emp: Asst Prof, Univ of IL, Urbana 1974-76; Res Assoc, Univ of IL, Urbana 1972-74.
Pub: A Market for Rights to Use Fertilizer, Jour of Env Econ & Mgmt 1975; A Production Function Model, AJAE 1975; Insecticide Resistance and the Evaluation of Insect Control Strategies, Canadian Entomologist 1975.
Hon: Gamma Sigma Delta; Omicron Delta Epsilon.

TAYLOR, Donald C., ADC Assoc, 20 Jln Cangkat Damansara, Kuala Lumpur, Malaysia 10-05.
ADC Assoc, Agr Devl Council Inc, NY & Singapore (72) 08, 07, 18.
b. 1937 USA; M-3.
BS 1959 Cornell Univ; MS 1964, PhD 1965 Univ of MN.
Fields: 021, 010, 022.
Prev Emp: Asst Prof, Am Univ of Beirut, Lebanon, 1965-68.
Pub: Research on Agr Development in Selected Middle Eastern Countries, ADC, New York 1968; Price Policy With Specific Reference to Major Irrigation Projects, Indian Jour of Agr Econ, 1971; Group Action in Agr Development With Spec Emphasis on Role of Imp Asian Gravity Flow Irrigation Systems, ADC Singapore 1975.
Lang: Malay-Indonesian 2-1-2.
Mbr: IAAE; SID; Indian Soc of Agr Econ.

TAYLOR, Fred R., Dept of Agr Econ, ND St Univ, Fargo ND 58102; PH 701-237-7441.
Prof & Chairman, ND St Univ (03) 02, 07, 08.
b. 1915 Minnesota; M-4.
BS 1938, MS 1947, PhD 1951 Univ of MN.
Fields: 013, 014, 053, 017.
Prev Emp: Prof & Chrmn, Univ of RI, 1950-55; Instr, Univ of MN 1947-50; Co Agent Univ of MN, Park Rapids MN 1940-52.
Pub: Econ Importance of EQQ Quality, MN Agr Exp Station, 1952; Community Resource Development Guides, ND Agr Exp Sta 1964; Organization of Markets for Grain in North Dakota, ND Agr Exp Sta 1969.

Lang: Sp 2-2-2, Fr 2-2-2.
Mbr: AEA; WAEA; AS Appraisers.
Hon: Who's Who in Am; Dir of Am Scholars; Ldrs in Educ; Intl Who's Who; Am Men & Women of Sci; Royal Blue Book; Alpha Zeta; Phi Eta Sigma; NDSU Faculty Lectureship.

TAYLOR, Gary C., ERS-USDA, Washington DC 20250; PH 202-447-8679.
Asst Dep Adm, ERS-USDA (16) 06, 18, 07.
b. 1931 New York; M-2.
1948-50 Alfred Univ; BS 1952, MS 1958 Cornell Univ; PhD 1964 Univ of CA, Berkeley.
Fields: 017, 020, 110.
Prev Emp: Prin Econ, Natl Water Comm, Washington DC 1970-73; Br Chf, ERS-USDA Washington DC 1966-70; Econ, ERS-USDA, AR, CA & DC 1959-66.
Pub: Agricultural Pollution, Farm Policy, Australia 1970; Economic Evaluation of Federal Programs, ERS-USDA Misc Pub 1177, 1970; Economic Issues in Controlling Agricultural Pollution, AJAE 1969.
Lang: Sp 3-0-0.
Mbr: IAAE; AEA; AAAS.
Hon: Am Men & Women of Science; Who's Who in Govt; Alpha Zeta; Corrim Committee, Natl Acad of Sci - BARR.

TAYLOR, Harold H., USDA-ERRC-NEAD, 600 East Mermaid Lane, Philadelphia PA 19118; PH 215-247-5800.
Agr Econ, USDA-ERS (16) 07, 18, 22.
b. 1938 Utah; M-2.
BA 1963 Brigham Young Univ; MS 1965, PhD 1972 PA St Univ.
Fields: 105, 081, 083, 026.
Prev Emp: Agr Econ, USDA-ERS, Washington DC 1973-74; Res Asst-Assoc, PA St Univ, 1965-73.
Pub: Economic Impact Analysis of Solid Waste, NE Regional Sci Review 1972; Substitutability of Fractionated Beef Tallow for Other Fats & Oils, An Econ Evaluation, Jour of the Am Oil Chemists 1976; An Economic Comparison of Forage Systems, PA St Univ Agr Exp Sta Bull. #751, 1968.
Lang: Sp 1-1-1.
Mbr: Am Oil Chemists Soc.
Hon: Omicron Delta Epsilon; USDA-ERS Cert of Merit.

TAYLOR, James W., 2180 Board of Trade Bldg, 141 W Jackson, Chicago IL 60604; PH 312-939-3268.
Self Employed (75) 11, 15, 21.
b. 1930 Kansas; M-2.
BS 1951, MS 1957 KS St Univ.
Fields: 014, 016.
Prev Emp: Mgr, Chicago Futures, Pillsbury Co., Chicago IL 1966-72.

TAYLOR, Lance J., 18 Vassar Street, Rm 20-A-216, Cambridge MA 02139; PH 617-253-5120.
Professor, MA Inst of Tech (03) 08, 07.
b. 1940 Idaho; M-2.
BS 1962 CA Inst of Tech; PhD 1968 Harvard Univ.
Fields: 073, 076.
Prev Emp: Instr to Assoc Prof, Harvard Univ, Cambridge MA 1967-74.
Pub: Economy-Wide Models and Development Planning, Oxford Univ Press 1975; The Economics of Malnourished Children, Econ Devl & Cultural Change 1973; This Misconstrued Crisis...World Food, World Development 1975.
Lang: Sp 1-3-1, Por 1-3-2.
Mbr: AEA; ES.
Hon: Am Men & Women of Science.

TAYLOR, Lloyd H., Route 4 Box 382-A, Lot 58, Morgantown WV 26505.

TAYLOR, Morris, Utah St Univ, UMC 35, Logan UT 84322; PH 801-752-4100.
Mktg Spec, Coop Ext Serv-Utah (03) 09.
b. 1915 USA; M-6.
BS 1937 UT St Univ; MS 1938, PhD 1958 Univ of WI.
Fields: 014, 015, 017, 019.
Prev Emp: Dir, Ext Labor Prog, Logan UT 1944-47; Econ, Bur of Agr Econ, USDA, Great Plains Area 1940-43.
Pub: Transportation Rate Issues, UT St Univ 1975; The Utah Position Paper, UT St Univ 1975; Transportation: The Economists Role, UT St Univ 1975.
Mbr: WEA; Lions Club, President; UT Hereford Breeders Assoc, Exec Sec.

TAYLOR, Reed D., 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-2821.
Assoc Professor, OH St Univ (03) 08, 09, 07.
b. 1934 Utah; M-6.
BA, Brigham Young Univ; MS 1961 UT St Univ; PhD 1965 PA St Univ.
Fields: 093, 083, 012, 151.
Prev Emp: Mgr, Monsanto Co, St Louis 1967-71; Res, USDA-ERS, Albany CA 1966-67; Asst Prof, PA St Univ, St College PA 1964-66.
Pub: First International Conference on Computer Satellites in Agriculture, OH St Univ 1972; Alfalfa Meal in Poultry Feeds-An Economic Evaluation Using Parametric Linear Programming, Wash. DC 1968.
Lang: Ger 1-3-1.

TAYLOR, Robert, Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-493-8011.
Professor, Purdue Univ (03) 08, 09, 07.
b. 1935 New York; M-4.
BS 1956 Cornell Univ; MS 1959, PhD 1963 Purdue Univ.
Fields: 012, 070, 141, 130.
Prev Emp: Vstg Prof, Fed Univ of Vicosa, Brazil, 1972-73; Staff Econ, USDA-FEDS Washington DC 1970-71.
Pub: Feedback for Students on Class Performance, AJAE 1969; Least-Cost Comp Form Rations/Dairy Cows, Jour of Animal Sci 1966; Annotated Bibl. AID Spons. Mktg Studies/LDC's, Foreign Econ Devl Rpt, USDA 1972.
Lang: Por 1-2-1.
Mbr: Sigma Xi.
Hon: Dist. Undergraduate Tchg Award, AAEA 1970.

TAYYAITIENG, Winai, 102/8 Soi Watmai-pirane, Bangkokyai, Bangkok, Thailand.

TEFFERRA, Dinberu, Ato Aberra Alemu, PO Box 50,008, Addis Ababa, Ethiopia.

TEFERTILLER, Kenneth R., 1008 McCarty Hall, Dept of Agr Economics, Univ of Florida, Gainesville FL 32611; PH 904-392-1971.
V. Pres & Prof, Univ of FL (03) 02.
b. 1930 Oklahoma; M-3.
BS 1952, MS 1957 OK St Univ; PhD 1959 Univ of IL.
Fields: 012, 011, 017.
Prev Emp: Chrmn & Prof, Univ of FL, 1965-73; Asst-Assoc Prof, TX A&M Univ 1959-65.
Mbr: IAAE; SAEA, Pres. 1971-72.

TEIGEN, Lloyd D., Room 248, 500 12th St, SW, NEAD-EPAS, Washington DC 20250; PH 202-447-7681.
Agr Econ, ERS-USDA (16) 07, 15, 19.
b. 1945 California; D-1.
BS 1967 MT St Univ; MS 1970, PhD 1973 MI St Univ.
Fields: 017, 082, 081, 075.
Prev Emp: Asst Prof, MI St Univ, Seoul, Korea 1973-74; Res Asst, MI St Univ, 1967-72; Agr Stat, MT Water Resources Board, Helena MT 1967.
Pub: Costs, Loss and Forecasting Error, An Evaluation of Models for Beef Prices, PhD Thesis, MI St Univ 1973; Mathematics of Seasonal Price Behavior, AAEA Meeting 1974.
Lang: Korean 3-3-2, Ger 2-3-3.
Mbr: AEA; ASA; ES.
Hon: Who's Who of Students in Am Coll & Univ 1967; Phi Kappa Phi; Alpha Zeta; Phi Eta Sigma.

TEIXEIRA, F. Antonio R., DDMP EMBRAPA Edificio Palacio do Desenvolvimento 9° and AR, Brasilia, Brazil 70000; PH 0612-25-3870.
Head of Plng Dept, EMBRAPA (78) 07, 06, 15.
b. 1939 Brazil; Citz: Brazil; M-4.
BS 1961, MS 1964 UFV-Vicosa, 1964-65, Univ of Chicago; PhD 1970 Purdue Univ.
Fields: 011, 062, 063, 081.
Prev Emp: Pres of Res Comm, UFV, Vicosa 1972-73; Assoc Prof, UFV, Vicosa 1970 to date; Head of Dept, UFV, Vicosa 1966-68.
Lang: Portuguese; Other: Eng 1-1-1, Sp 1-1-1, Fr 2-0-2.
Mbr: IAAE; SBPC; SOBER.

TEIXEIRA, Teotonio D., Dep de Economia Rural, UFV, Vicosa MG 36570 Brazil; PH 781-1850.
Assoc Prof, Univ Fed de Vicosa (03) 07, 08, 02.
b. 1943 Brazil; Citz: Brazil; M-1.
Agr Eng 1967; MS 1969 UFV Brazil; PhD 1976 Purdue Univ.
Fields: 011, 017, 084, 081.
Prev Emp: Asst-Assoc Prof, UFV, Brazil.
Lang: Portuguese; Other: Eng 1-1-2; Sp 1-2-2.
Mbr: Am Econ Rev; IAAE.
Hon: Phi Kappa Phi; Sigma Gamma Delta.

TELLEZ, Francisco, Ingenio San Antonio, Div Campo, Chichigalpa, Nicaragua.

TELLEZ, F. Javier, 1818 H Street, Washington DC 20433; PH 202-393-6360.
Agr Econ, World Bank (66) 17, 19, 20.
b. 1942 Spain; Citz : Spain; M-1.
BS 1964 Univ of SW LA; MS 1966 LA St Univ; PhD 1969 PA St Univ.
Fields: 014, 117, 015, 094.
Prev Emp: Chf of Proj, INTECSA, Intl Comm, Madrid Spain 1972-75; Dir, Mediterranean Agr Inst, Zaragosa, Spain, 1971-72; Asst Prof, PA St Univ 1970-71.
Pub: Econ & Socioeconomic Relationships Between Low-Income Farmers & Farmer Coops, LA Agr Exp Sta 1966; Cooperatives and Farmers in Louisiana,LA Rural Econ, 1965; A Model for the Econ Analysis of Marketing Channels, Natl Inst of Agr Res 1971.
Lang: Spanish; Other: Eng 1-1-1, Fr 1-3-2.
Mbr: AEA; Omicron Delta Epsilon; Spanish Assoc of Agr Econ & Rural Soc.

TELWAR, Gul M., Dept of Rur Devl, TN St Univ, Nashville TN 37203; PH 615-320-3333.
Professor & Dept Head, TN St Univ (03) 02, 07, 08.
b. 1935 Afghanistan; M-4.
BS 1959; MS 1961 Univ of WY; PhD 1963-66 OR St Univ; EdD 1968 OK St Univ.
Fields: 041, 014, 012, 152.
Prev Emp: Assoc Prof & Dean, Kabul Univ, Afghanistan 1961-62.
Pub: Human Resources in Rural Tennessee, TN St Univ 1973; Rural Living,TN St Univ 1974; A Comparison of Poor & Non-Poor, TN St Univ 1975.
Lang: Pusta, Pasian; Other: Eng 1-1-1, Rus 1-1-1.
Mbr: CDS; TN Community Devl Soc, Pres. 1975.
Hon: Leaders in Educ.

TEMPLETON, Mary E., Div of Resource Mgmt, 2021 Agr Sci Bldg, WV Univ, Morgantown WV 26506; PH 304-293-3231.
Assoc Professor, WV Univ (03) 07, 08.
b. 1924 West Virginia; M-1.
BA 1947, MA 1958 WV Univ.
Fields: 080, 020, 141.
Prev Emp: Instr & Res Asst, WV Univ, Morgantown 1955.
Pub: Agricultural Changes in West Virginia 1940-1950-1960,WV Agr Exp Sta, 1963; Statistical Chartbook of West Virginia Agriculture, WV Agr Exp Sta 1967; Seasonal Variations in Prices of Selected Farm Commodities: WV 1960-69, WV Agr Exp Sta 1971.
Mbr: AAUW, St Div Treas 1974-76; NAEC, Comm. Mbr 1974-75; AEA, Natl Comm. Mbr 1975.

TEN-HAAF, Cornelis J., Dept of Agr Econ, Connors Hall, Rm 306, Univ of Georgia, Athens GA 30602; PH 404-542-2481.
Grad Student, Univ of GA (78) 23, 07.
b. 1948 Netherlands; Citz: Netherlands; U.
Ing 1972 Agr Coll-Dordrecht; CT 1973 Netherlands School of Business; MS 1976 Univ of GA.
Fields: 111, 112, 113, 152.
Prev Emp: Independent Overseas Res Asst, Cornell, OH St, Univ of WI, IA St, USA 1971; Eng Devl Res Asst, Instr for Agr Eng & Rational, Netherlands 1971.
Pub: Corn (Precision) Planters, Netherlands and West Germany, 1973; Tests & Improvements, Agr Extension Serv Natl Agr Magazines.
Lang: Dutch; Other: Eng 1-1-1, Fr 1-1-1, Ger 1-2-2.
Mbr: AEA; SAEA; Royal Assoc for Agr Sci, Netherlands.
Hon: Internships in France (1970), The Netherlands (1971), The USA (1971).

TESFA-GIORGIS, Gherbremedhin, c/o Tesfia Kiflu, Alemay College of Agr, PO Box 138, Dire Dawa, Ethiopia.

TESKEY, Alan G., Env Canada EMS, Rm 903, 1001 W Pender Street, Vancouver BC Canada V6E2M7; PH 604-666-6939.
Econ Adv, Env Canada-EMS (26) 19, 07, 06.
b. 1938 Canada; Citz: Canada; M-2.
BS 1962, MS 1963 Univ of Toronto.
Fields: 020, 035, 023, 026.
Prev Emp: Sr Econ, N. Forest Res Center, Edmonton 1972-75; Sr Econ, Canada Forestry Serv, Winnipeg 1968-72; Instr, Kemptville College of Agr Tech, 1965-68.
Pub: Employment, Income, Products and Costs in Manitoba's Primary Wood Using Industry, 1972, Nor For Res Centre, Edmonton, Canada 1975.
Lang: Fr 2-3-3.
Mbr: AIC; CIF; CAES, Treas 1965-68.

TETRO, Robert C., 1776 F Street NW, Washington DC 20437; PH 202-634-6306.
Sr Econ, Food & Agr Org - UN (63) 18, 03, 19.
b. 1911 New York; M-3.
BS 1932, MS 1937 Univ of MA.
Fields: 018, 112, 073, 076.
Prev Emp: Agr Attache, FAS of USDA, Rome, Italy 1962-69; Adm, FAS-USDA, Wash., DC 1961-62; Asst Adm, FAS-USDA, Wash., DC 1955-61.
Lang: Italian 2-3-1, Fr 2-3-2, Sp 2-3-2.
Mbr: SID.
Hon: USDA Superior Serv Award; French Award of Superior Merit in Agr.

THAIR, Philip J., Dept of Agr Econ, Univ of Saskatchewan, Saskatoon, Sask, Canada S7N 0A4; PH 306-343-2240.
Prof & Head, Univ of Saskatchewan (03) 02, 08, 07.
b. 1917 Canada; Citz: Canada; M-4.
BS 1942, MS 1944 Univ of Sask; PhD 1953 IA St Univ.
Fields: 017, 016, 038, 073.
Prev Emp: Econ, USDA, Fargo ND 1949-55; Econ, Canada Dept of Agr, Ottawa, 1944-46
Lang: Fr 1-2-2.
Mbr: CAES, President 1964-65.

THATCH, Daymon W., 325 Perrine Ave, Pisataway NJ 08854; PH 201-932-9270.
Assoc Prof, Rutgers Univ (03) 08, 07, 24.
b. 1936 Illinois; M-4.
BS 1965, MS 1966 Rutgers Univ; PhD 1969 MD Univ.
Fields: 141, 121, 019.
Prev Emp: Res Assoc, Univ of MD, College Park MD.
Mbr: NAEC, Sec-Treas 1971.

THAYER, Robert D., Agr Sci-Phase Two, WA St Univ, Pullman WA 99163; PH 509-335-1390.
Res Asst, WA St Univ (03) 23, 07.
b. 1953 USA; M.
BS 1975 WA St Univ.
Fields: 019, 014.

THERRIEN, Gerard A., Econ Branch, Dept of Agr, 903 Norguay Bldg, Winnipeg, Manitoba, Canada; PH 204-942-0401.
Chief, Farm Diversification, Manitoba Dept of Agr (40) 06, 09, 20.
b. 1935 Canada; Citz: Canada; M-2.
BS 1959, MS 1968 Univ of Manitoba.
Fields: 011, 012, 013, 090.
Prev Emp: Central Farm Mgmt Spec, Dept of Agr, Manitoba 1973-75; Reg Farm Mgmt Spec, Dept of Agr, Manitoba 1968-73; Ext Agt, Dept of Agr, Manitoba 1959-65.
Lang: French.
Mbr: AIC; CAES; Manitoba Inst of Agr.

THIEMANN, Otto P., Rm 304 PO & Courts Bldg, Little Rock AR 72201; PH 501-378-5447.
Agr Econ, USDA-ERS-NRED (16) 07.
b. 1934 Nebraska; M-3.
BS 1959, PhD 1966 Univ of NE.
Fields: 026, 021.
Prev Emp: Agr Econ, ERS-NRED, Lincoln NE 1964-70.
Pub: The Small Watershed Program and Its Role in Community Development, USDA Agr Econ Rpt #288, 1975.
Mbr: SAEA; WAEA; SCSA.

THIEME, Alfred Jr., 808 17th Street, Washington DC 20577; PH 202-634-8402.
Coor, Methodology, Inter-Am Devl Bank (67) 18, 19, 03.
b. 1934 Texas.
BS 1958 TX Tech Univ; MS 1960 Univ of ID; MPIA 1963 Univ of Pittsburgh; PhD 1976 Univ of MD.
Fields: 033, 088, 064, 066.
Prev Emp: Sr Devl Econ, Stanford Res Inst, Menlo Park CA 1965-67; Rural Devl Prog Off, AID, Bangkok, Thailand 1964-65; Agr Prog Asst, USAID, Bangkok, Thailand 1963-64.
Pub: Econ Devl Alternatives in N.E. Brazil, World Bank 1974; Exercises in Project Analysis, Univ of MD 1972; Econ Evaluation of Projects, Inter-American Devl Bank 1968.
Lang: Sp 1-1-1, Por 1-2-2.
Mbr: Zero Population Growth, Dir; ROA.
Hon: Ford Foundation Fellow; Univ of Pittsburgh Scholar.

THIESENHUSEN, William C., Land Tenure Center, 310 King Hall, Univ of Wisconsin, Madison WI 53706; PH 608-262-3657.
Prof-Dir, Univ of WI (03) 08, 02.
b. 1936 Wisconsin; D-3.
BS 1958, MS 1960 Univ of WI; MPA 1962 Harvard Univ; PhD 1965 Univ of WI.
Fields: 022, 073, 047.
Prev Emp: Asst-Assoc Prof, Univ of WI, Madison 1965-72; Asst Prof, Univ of WI, Milwaukee 1966-67.
Pub: Reforma Agraria en Chile: Experimentos en Cuatro Fundos de la Iglesia, Santiago, Chile 1968; Help for the Brain Drain, The American Review 1968.
Lang: Sp 3-3-2.
Mbr: AEE.
Hon: Am Men & Women of Science; Dictionary of Intl Biography.

THINH, Vong Dinh, 465 Petrus Ky Street, Saigon, Vietnam.

THIURI, Philip J., 188 Small Road, Syracuse NY 13210; PH 315-473-4826.
Asst Prof, Grad Student, St Univ of NY (03) 08, 24, 02.
b. 1939 Kenya; Citz: Kenya; M-1.
BA 1966 St Michaels College, VT; MS 1969 Cornell Univ; PhD 1974 Syracuse Univ.
Fields: 035, 077, 065.
Pub: The Dairy Industry in a Spatial Perspective, Syracuse Univ 1974.
Lang: Kikuyu-Kiswahili; Other: Eng 1-1-1, Latin 1-1-2, Fr 2-3-3, Ita 2-3-3.
Mbr: Assoc of Am Geographers.
Hon: Afgrad Fellow.

THODEY, Alan R., 206 Intl Center, MI St Univ, E Lansing MI 48824.
Assoc Prof, Dept of Agr Econ, MI St Univ (03) 07, 22.
b. 1941 Australia; Citz: Australia; M-2.
BE 1962 Univ of Tasmania; PhD 1969 Univ of IL.
Fields: 014, 073, 016, 017.
Prev Emp: Proj Spec, Ford Foundation, Thailand 1971-75; Agr Econ, Stanford Res Inst, CA 1966-71; Res Asst, Univ of IL 1963-66.
Pub: Food & Nutrition in Korea, 1965-74, MI St Univ 1976; Optimal Multiple Cropping Systems, Chiang Mai Univ 1974; Marketing Staple Foods in Western Nigeria, Stanford Res Inst 1968.
Lang: Fr 3-0-0, Thai 0-0-3.
Mbr: AEA; Aust Agr Econ Soc.
Hon: Gamma Sigma Delta.

THOMAS, Dennis L., 573 East Hall, Dept of Economics, IA St Univ, Ames IA 50011; PH 515-294-8218.
Res Assoc, IA St Univ (03) 07, 23.
b. 1947 Iowa; M.
BS 1970, MS 1971 IA St Univ.
Fields: 011, 012, 081, 014.
Prev Emp: Res Assoc, IA St Univ, Ames 1970-73.

Pub: Alternative Crop Exports, Land Use, Production Capacity & Programmed Prices of U.S. Agriculture for 1975, IA St Univ 1974.
Hon: Gamma Sigma Delta.

THOMAS, Fred C., 226 COB, Dept of Agr & Applied Econ, Univ of Minnesota, St Paul MN 55108; PH 612-373-1093.
Res Asst & Student, Univ of MN (03) 23, 07.
b. 1951 Georgia; U.
BA 1972 Univ of TN; MS 1976 Univ of MN.
Fields: 020, 021, 141.
Lang: Fr 2-2-2.

THOMAS, Howard R., Suite 319 Ext Hall, OR St Univ, Corvallis OR 97330; PH 757-4807.4807.
Agr Econ, USDA-ERS-NRED (16) 15, 08, 07.
b. 1943 Idaho; D-4.
BS 1966, MS 1968 UT St Univ; PhD 1974 OR St Univ.
Fields: 021, 063, 081, 011.
Prev Emp: Grad Asst, UT St Univ, Logan, 1966-67.
Pub: Transfer of Farm Real Estate, UT St Univ, 1968; Economic Productivity of Water and Related Inputs in the Agriculture of South Idaho, OR St Univ 1974.
Mbr: WAEA; OPEDA.
Hon: Certificate of Merit 1974.

THOMAS, Kenneth H., 249 Classroom Bldg, St Paul Campus, Univ of Minnesota, St Paul MN 55108; PH 612-373-1145.
Ext Econ Farm Mgmt, Univ of MN (02) 09, 10, 20.
b. 1928 USA; M.
BS 1950, MS 1956 Cornell Univ; PhD 1968 Univ of MN.
Pub: Managing Our Financial Future, Univ of Wisconsin 1973.
Mbr: ASFM&RA; MN-FM&RA, Sec. Treas 1973.
Hon: Phi Kappa Phi; Gamma Sigma Delta.

THOMAS, Monica E., Agr Exp Station, Univ of Alaska, Fairbanks AK 99701.

THOMAS, Robert Willis Jr, Dept of Econ, 260 East Hall, Iowa St Univ, Ames IA 50011; PH 515-294-6600.
Professor, IA St Univ (03) 08, 02, 07.
b. 1924 Iowa; M-4.
BA 1948 Univ of IA; MA 1951 Univ of NM; PhD 1962 IA St Univ.
Fields: 141, 041, 039.
Prev Emp: Instr to Prof, IA St Univ, Ames 1957-72; Classroom Techr, Albuquerque High School, NM, 1950-57; Grad Asst, Univ of NM 1949-50.
Pub: Intergovernmental Education Grants and the Efficiency of Resource Allocation in School Districts, Applied Economics, 1973; Industries, Colleges of Education, IA St Univ 1972.
Lang: Fr 3-0-0.
Mbr: AEA; NEA; AAUP.
Hon: AFEA Dist Ext Econ Award 1966; Superior Serv Award, Coop Ext Serv 1967.

THOMAS, Wayne C., Box 95601, Fairbanks AK 99701; PH 907-479-7188.
Assoc Prof, Univ of AK (03) 07, 08.
b. 1942 California; M-1.
BS 1965 CA Poly Tech; MS 1967 Univ of NV; PhD 1971 WA St Univ.
Fields: 014, 012, 019.
Prev Emp: Asst Prof, Univ of AK, Fairbanks 1971-75.
Pub: Supplying Alaska's Red Meat Markets Univ of AK 1975; Separable Programming for Considering Risk in Farm Planning, AJAE 1972; A Method of Establishing Outdoor Recreation Project Priorities in Alaska, Univ of AK 1973.
Mbr: AEA; WAEA.

THOMPSON, C. Stassen, Dept of Agr Econ, Barre Hall, Clemson Univ, Clemson SC 29631; PH 803-656-2396.
Asst Prof, Clemson Univ (03) 07, 08.
b. 1946 Kentucky; M-1.
BS 1969, MS 1969 Murray St Univ; PhD 1972 Univ of KY.
Fields: 011, 016.
Pub: Product Complementarity in Producti The By Product Case, SJAE 1974.
Mbr: SAEA.
Hon: Gamma Sigma Delta.

THOMPSON, Jack C., Dept of Agr Econ, Uni of Georgia, Athens GA 30601; PH 404-5 2565.
Professor, Univ of GA (03) 08, 07.
b. 1915 USA; M-3.
BS 1948, MS 1949 Univ of FL; PhD 1952 Cornell Univ.
Fields: 014, 015.
Prev Emp: Chf of Party, UGA Contract, Cambodia 1962-63; Assoc Prof, Stephen Austin Univ, TX 1954-56.
Pub: Econ Analysis of Alternative Syste of Materials Handling for Egg Packing Plants, Athens GA 1974; Labor Utilization and Cost of Egg Packing Plants in Seven South States, Athens GA 1969.
Lang: Sp 1-2-2.
Mbr: IAAE.
Hon: Who's Who in Am; Cornell Fellowship Phi Kappa Phi; Gamma Sigma Delta; Outstanding Teacher Award 1972.

THOMPSON, John E., Economics Dept, SD St Univ, Brookings SD 57006; PH 605-692-4175.
Prof & Head, SD St Univ (03) 02, 07, 08.
b. 1923 South Dakota; M-3.

BS 1950 Univ of SD; MS 1953 SD St Univ; PhD 1960 Univ of WI.
Fields: 031, 032, 072, 077.
Prev Emp: Cons, Citizen Tax Study Groups, Pierre SD 1960 & 1970.
Mbr: WAEA; MEA; Mid-Continent Res & Devl Council, President 1970.

THOMPSON, Morrell, 100 Cherry Hill Rd, Box 181, Basf Wyandotte Corp, Parisppany NJ 07054.

THOMPSON, Robert L., Dept of Agr Econ, Purdue Univ, W Lafayette IN 47907; PH 317-493-2389.
Asst Prof, Purdue Univ (03) 07, 08.
b. 1945 New York; M-2.
BS 1967 Cornell Univ; MS 1969, PhD 1974 Purdue Univ.
Fields: 110, 060, 017, 070.
Prev Emp: Grad Res Inst, Purdue Univ 1970-74; Vstg Prof, Univ Fed de Vicosa, Brazil 1972-73; Vol Agr, Intl Vol Serv, Laos, 1968-70.
Pub: The Metaproduction Function for Brazilian Agriculture; Analysis of Productivity and Other Aspects of Agricultural Growth, PhD Thesis 1974; The Impact of Exchange Rate Overvaluation on Corn Exports in Brazil, MS Thesis 1969; Agricultural Price Policy as a Factor in Economic Development, Interamerican Devl Bank 1975.
Lang: Por 1-1-1, Danish 1-1-1, Sp 2-0-0, Lao 0-0-3.
Mbr: AEA; IAAE.
Hon: Natl Sci Foundation Traineeship; Ford Foundation Support for Thesis Res in Brazil; Gamma Sigma Delta.

THOMPSON, Stanley R., Dept of Agr Econ, MI St Univ, E Lansing MI 48824; PH 517-353-9733.
Asst Prof, MI St Univ (03) 07, 08.
b. 1946 South Dakota; M.
BS 1968 CA Poly Univ; MS 1970 OR St U; PhD 1975 Cornell Univ.
Fields: 014, 016, 101, 081.
Prev Emp: Res Spec, Cornell U. 1972-75; Econ, Sunkist Growers, Ontario CA 1970-72.
Pub: Producer Returns From Increased Milk Adv., AJAE 1975; Multivariate Profit Anal of Adv on Milk Use, CJAE 1975; An Econ Anal of Sales Response to Gen Milk Adv., Cornell Univ Agr Exp Sta 1976.
Mbr: AEA; NAEA. Hon: AZ.

THOMPSON, William N., 113 Mumford Hall, Dept of Agr Econ, Univ of Illinois, Urbana IL 61801; PH 217-333-6422.
Prof & Assoc Dir, Intl Agr Prog, Univ of IL, Urbana, (03) 02, 07, 22.
b. 1920 Illinois; M-3.
BS 1941, MS 1942 Univ of IL; 1947-48 Univ of Chicago; PhD 1952 Univ of IL.
Fields: 012, 071, 118.
Prev Emp: Adm Adv, Njala Univ College, Sierra Leone 1964-66; Agr, TN Valley Authority, Knoxville TN 1953-54.
Pub: Mission Overseas, Univ of IL Press 1969; Bldg Inst to Serve Agr, Purdue Univ 1968; Method of Assessing Progress of Agr Universities in India, ICAR, New Delhi 1970.
Mbr: AEA; SID; ASFM&RA, College V. Pres. 1953.
Hon: Am Men & Women of Sci; Who's Who in the Midwest; AAEA Thesis Award 1953; Farm Foundation Fellow, Univ of Chicago.

THOMSON, Donald E., Dept of Agr Econ, ND St Univ, Fargo ND 58102; PH 701-237-7441.
Asst in Agr Econ, ND St Univ (03) 07, 08, 09.
b. 1919 Iowa; M-2.
BS 1941 IA St Univ; MS 1971 ND St Univ.
Fields: 014, 021, 081, 141.
Prev Emp: Lt Col, US Army 1942-70.
Lang: Ger 2-3-2, Fr 3-0-3.
Mbr: WAEA.

THOMSON, Kenneth J., Dept of Agr Econ, Univ of Newcastle-on-Tyne, England; PH 063-2-2-8511.
Lecturer, Univ of Newcastle-on-Tyne (03) 08, 07, 02.
b. 1945 UK; Citz: UK; U.
MA 1967 Aberdeen Scotland; MS 1968 Imperial College, London; 1968-70 Edinburgh; MS 1972 IA St Univ.
Fields: 075, 080, 020.
Pub: In Search of the Urban-Rural Interface, Westminister Bank Review 1975.
Mbr: AES (UK); ASA; Royal Stat Soc.

THORBECKE, Erik, Dept of Economics, Cornell Univ, Ithaca NY 14853; PH 607-256-4062.
Professor, Cornell Univ (03) 07, 02, 08.
b. 1929 Germany; Citz: USA; M-3.
Maturite-Federale Suisse 1948; Prop Degree 1949 Netherlands School of Econ; PhD 1957 Univ of CA, Berkeley.
Fields: 070, 110, 081.
Prev Emp: Prof, IA St Univ, Ames 1963-74; Asst Assoc Adm, AID, Washington DC 1967-68.
Pub: The Role of Agriculture in Econ Development, Columbia Univ Press 1969; The Theory of Quantitative Economic Policy, N. Holland 1974; Project Selection and Macroeconomic Objectives, AJAE, Feb 1972.
Lang: French & Dutch; Other: Eng 1-1-1; Sp 1-2-2.
Mbr: AEA.
Hon: Gamma Sigma Delta.

THORNTON, Theodore D., 500 12th Street, SW, Washington DC 20250; PH 202-447-3990.

Agt Econ, USDA-ERS (16) 07.
b. 1942 Nebraska; U.
BA 1966 Temple Univ; PhD 1975 IA St U.
Fields: 081, 083.
Prev Emp: Staff Econ, IA St Univ, Ames, 1974-75; Res Assoc, IA St Univ 1971-74.

THORP, Fred C., 14th & Independence Ave, Washington DC 20250; PH 202-447-4214.
Head, Prices PD Sect, USDA-SRS (23) 14.
b. 1930 Illinois; M-6.
BS 1951 Univ of IL; MS 1954 KS St Univ; 1961-62 IA St Univ.
Fields: 011, 080, 152.
Prev Emp: Asst Stat in Charge, SRS IA SSO, Des Moines, 1964-70; Livestock Stat, SRS OK SSO, Oklahoma City 1960-61; Livestock Stat, SRS KS SSO, Topeka 1958-60.
Mbr: ASA.
Hon: Gamma Sigma Delta; Sigma Xi.

THORPE, Robert S., Arnold & Porter, 1229 19th Street NW, Washington DC 20036.

THORSON, Norman W., 4601 Huntington Ave, Lincoln NE 68504.

THROSBY, Charles D., School of Econ & Fin Studies, Macquarie Univ, N.Ryden NSW Australia 2113; PH 02-888-8000.
Prof of Econ, Macquarie Univ, (03) 07, 08, 02.
b. 1939 Australia; Citz: Australia; M-2.
BS 1960, MS 1963 Univ of Sydney; PhD 1967 London School of Econ.
Fields: 062, 081, 017.
Prev Emp: Assoc Prof, Macquarie Univ, Sydney 1973-74; Prin Res Econ, NSW Dept of Agr, Sydney 1967-69; Lectr, London School of Econ, London 1965-66.
Pub: A Quarterly Econometric Model of Australian Beef Industry, Economic Record 1974; Introduction to Quantitative Methods in Economics, Wiley, Sydney 1973; Elementary Linear Programming, Random House, New York 1970.
Lang: Fr 2-2-3, Ger 2-2-3.
Mbr: Econ Soc of Aus & NZ, Pres, NSW Branch 1974-75; AEA; Australia AES.

THURSBY, J. W., 212 Buckingham Ave, Trenton NJ 08618.

TIANDUM, Sumrit, Div of Agr Econ, Office of the Undersecretary of State, Mins of Agr, Bangkok, Thailand.
2nd Grade Agr Econ, Govt of Thailand (40) 07.
b. 1945 Thailand; Citz: Thailand; M.
BS 1968 Kasetsart Univ; MS 1973 Univ of KY.
Fields: 011, 012.
Prev Emp: Agr Econ, Govt of Thailand, Bangkok, 1968 to date.
Lang: Thai; Other: Eng 2-2-2.

TIANNIAM, Manoo, Div of Agr Econ, Office of the Undersecretary of State, Mins of Agr, Bangkok, Thailand.

TIAO, Joe M., Dept of Econ, Waters Hall, KS St Univ, Manhattan KS 66506; PH 913-532-6705.
Instr, KS St Univ (03) 07, 14, 22.
b. 1932 Taiwan; Citz: USA; M-2.
BA 1964 Toyo Univ, Japan; MS 1967 Aoyama Gakuin Univ, Japan; MS Computer Sci 1968, KS St Univ.
Fields: 014, 081, 083, 084.
Prev Emp: Cons, KS St Univ, Computing Center, 1969; Res Asst, El-HO Trading Co, Tokyo, Japan 1965; Auditor, Municipal Govt, Kaohsiung, Taiwan 1955.
Pub: Users' Guide to Computerized System for Feasible Agribusiness Development, Food & Feed Grain Institute, KS Univ 1975.
Lang: Taiwanese; Other: Jap 1-1-1, Chi 1-1-1.
Mbr: Assoc for Computing Machinery.

TICE, Thomas F., Waters 339A, Agr Econ Dept, KS St Univ, Manhattan KS 66506; PH 913-532-6713.
Grad Student, St of KS (03) 23, 07.
b. 1951 Kansas; M.
BS 1973 Bethany College; 1969-71, 1973-74, 1975 to date, KS St Univ.
Fields: 012, 011.
Prev Emp: Farm Mgmt Trainee, LV Diller, Morrowville KS 1974-75; Farm Employee, L V Diller, Summers 1971-73; Gen Labor, Continental Grain Co., KS 1970.
Lang: Ger 3-3-0.

TILLEY, Daniel S., 1099 McCarty Hall, Univ of Florida, Gainesville FL 32611; PH 904-392-1874.
Res Econ, FL Dept of Citrus (40) 07, 15, 19.
b. 1948 Iowa; M-1.
BS 1970, MS 1973, PhD 1974 IA St Univ.
Fields: 015, 016, 018, 081.
Prev Emp: Asst Prof, Univ of FL 1974-75.
Pub: Hog Producer's Marketing Decisions, PhD Thesis 1974; Weight Loss in Fed Steers During Marketing, AJAE 1975.
Mbr: SAEA.
Hon: Phi Kappa Phi; Gamma Sigma Delta.

TIMM, Tyrus R., Dept of Agr Econ, Texas A&M Univ, College Station TX 77840.

TIMMER, C. Peter, Div of Nutritional Sci, Savage Hall, Cornell Univ, Ithaca NY 14853; PH 607-256-5436.

H E Babcock Professor, Cornell Univ, (03) 07, 08.
b. 1941 Ohio; M-2.
AB 1963 Harvard College; 1963-64 Royal College of Sci & Tech, Glasgow; MA 1968, PhD 1970 Harvard Univ.
Fields: 010, 050, 070.
Prev Emp: Asst-Assoc Prof, Food Res Inst, Stanford CA 1968-75; Assoc Adv, Natl Plng Agency, Jakarta, Indonesia 1970-71.
Pub: Food Policy in China, Food Policy 1976; Choice of Tech in Developing Countries, Harvard Studies/Intl Affairs, 1975; Demand for Fertilizer in Developing Countries, FRI Studies 1975.
Lang: Bahasa Indonesian 3-3-3.
Mbr: AEA; AAAS.
Hon: Goldsmith Prize, Harvard Univ.

TIMMONS, John F., 832 Brookridge Avenue, Ames IA 50010

TINBERG, Cynthia, 613 Dunbar Court, East Lansing MI 48823.

TINNERMEIER, Ronald L., Dept of Economics, CO St Univ, Fort Collins CO 80523; PH 303-491-5301.
Assoc Prof, CO St Univ (03) 08, 07, 22.
b. 1936 USA; M-2.
BS 1958 IA St Univ; MS 1962 MT St Univ; PhD 1965 Univ of WI.
Fields: 070, 073, 013, 012.
Prev Emp: Vstg Asst Prof, NC St Univ, Peru, SAM, 1967-71; Asst Prof, IA St Univ, Peru 1965-67; Res Assoc, Univ of WI, Colombia, South America 1963-65.
Pub: Impact of Small-Farm Credit in Peru, Purdue Agr Exp Sta Bull. #101, 1975; Credit, Technology and Profit, AID, Washington DC 1973; New Land Settlement-Colombia, LTC, Univ of WI 1965.
Lang: Sp 1-1-1.
Mbr: SID; IAAE.

TINSLEY, William A., 295 Barre Hall, Clemson Univ, Clemson SC 29631; PH 803-656-3475.
Assoc Prof, Clemson Univ (03) 09.
b. 1933 Illinois; M-2.
BS 1956, MS 1960 Univ of IL; PhD 1963 Univ of MN.
Fields: 012, 083, 011.
Prev Emp: Asst-Assoc Prof, MI St Univ, E. Lansing MI 1963-72; Grad Asst, Univ of MN, St Paul 1960-63.
Pub: Analysis of Use of Corn Silage in Beef Rations, Univ of MN 1963; Inventory Value and Measures of Net Farm Income, Univ of IL 1960.
Mbr: SC Assoc of Pub Accountants.
Hon: Who's Who in the South; Best MS Thesis-AFAE Award 1960.

TIPTON, E. Linwood, 910 17th Street NW, Washington DC 20006; PH 202-296-4250.
Econ & Ext Asst, Milk Ind Found & Intl Assoc of Ice Cream Mfgs (53).
b. 1934 Missouri; M-2.
BS 1956, MS 1957 Univ of MO.
Fields: 090, 015, 014, 018.
Prev Emp: Exec Sec, Coop Dairy Econ Serv, Massachusetts 1962-65; Assoc Econ, Eastern Milk Prod Assoc, Syracuse NY 1960-62; Econ, FAS, Washington DC 1957.
Pub: Marketing Dairy Products in Southeast Missouri, Univ of MO 1958.
Lang: Ger 3-3-3.
Mbr: AMA, Pres 1972, Treas. 1968-71; Natl Econ Club, Chrmn 1973, V. Pres 1971; NABE, Conv Chrmn 1967.
Hon: Who's Who in the South.

TOBEN, George E., Agr Econ, WV Univ, Morgantown WV 26506; PH 304-293-3231.
Prof of Agr Econ, WV Univ (03) 07, 08.
b. 1913 Illinois; M-3.
BS 1936, MS 1938 Univ of IL; 6 years Univ of MN.
Fields: 012.
Prev Emp: Instr, Univ of MN, St Paul 1940-46; Asst Univ of IL, Urbana 1936-39.
Mbr: SCSA; ASFM&RA.
Hon: Am Men & Women of Science; Who's Who Among Authors & Journalist; Fellow-SCSA; Dist Serv Award-Natl FFA; Sr Faculty Cert of Merit-WV; Gamma Sigma Delta.

TOBEY, Donald M., 003 McClelland, Johnson State College, Johnson VT 05656; PH 802-635-2356.
Assoc Prof, Johnson St College (03) 08, 02, 24.
b. 1942 New York; W.
BS 1964 Cornell Univ; MS 1967, PhD 1969 Univ of WI.
Fields: 026, 025, 038, 060.
Prev Emp: Asst Prof, Univ of ME, Orono 1969-74.
Pub: Environmental Economics; Challenge to Teaching, Jour NAEC 1972; Seasonal Home Residents in Five Maine Communities, Exp Sta Univ of ME 1972; Environmental Concerns...Seasonal Home Residents, Exp Sta Univ of ME 1974.
Lang: Fr 2-3-3.
Mbr: AEA; NAEC.
Hon: Phi Kappa Phi; Alpha Zeta.

TOLLENS, Eric F., UnAZA BP 100 Yangambi 1 Vi A, Kisangani, Zaire.
Assoc Prof, Natl Univ of Zaire, (03) 08, 07, 02.
b. 1943 Belgium; Citz: Belgium; M-1.
MS 1967 Univ of Louvain; MA 1970, PhD 1975 MI St Univ.

Fields: 011, 014, 017, 080.
Prev Emp: Grad Res Asst, MI St Univ, E. Lansing MI 1969-71; Adv., Belgische Boerenbond Louvain, Belgium 1967-68.
Pub: An Economic Analysis of Cotton Production, Marketing and Processing in Northern Zaire, MI St Univ 1975.
Lang: Dutch; Other: Fr 1-1-1, Eng 1-1-1.
Mbr: AEA; KVIV.
Hon: Phi Kappa Phi; CRB Grad Fellow.

TOLLEY, George S., 1126 E 59 Street, Chicago IL 60637; PH 312-753-4507.
Prof of Econ, Univ of Chicago (03) 07, 08, 02.
b. 1925 Washington DC; M-1.
BA 1947 Am Univ; MA 1950, PhD 1955 Univ of Chicago.
Fields: 070, 020, 036, 130.
Prev Emp: Dep Asst Sec for Tax Policy, U.S. Treasury, Washington DC 1974-75; Dir, EDD-ERS-USDA, Washington DC 1965-66.
Pub: Trade, Agriculture and Growth, Editor, Ballinger Press 1975; Resource Allocation Effects on Environmental Policies, Econ Anal of Envir Problems 1975; Management Entry Into US Agriculture, AJAE May 1971.
Lang: Sp 3-3-3, Fr 3-3-3.
Mbr: AEA; AAAS; ES.
Hon: Who's Who in Am; V. Pres AFEA 1965-66; 4 Citation for Publication Excellence-AFAE; Ford Foundation Faculty Fellowship 1971-72.

TOMEK, William G., Warren Hall, Cornell Univ, Ithaca NY 14853; PH 607-256-2189.
Professor, Cornell Univ (03) 07, 08.
b. 1932 Nebraska; U.
BS 1956, MA 1957 Univ of NE; PhD 1961 Univ of MN.
Fields: 016, 081, 017.
Prev Emp: Asst-Assoc Prof, Cornell Univ, Ithaca NY 1961-70.
Pub: Effect of Income Instability on Farmers' Consumption and Investment, Rev of Econ & Stat 1974; Agricultural Product Prices, Cornell Univ Press 1972.
Mbr: AEA; ES.
Hon: Am Men & Women of Science.

TONGATE, Ronald E., 201 W Main, Louisville KY 40222; PH 502-587-9621.
Asst V. President, Fed Intermediate Credit (32) 07, 01.
b. 1941 Illinois; M-2.
BS 1963 So. IL Univ; MS 1966, PhD 1969 Univ of IL.
Fields: 013, 012, 011.
Prev Emp: Asst Prof, OH St Univ, 1969-71.
Pub: A Cost-Reducing System for Programming Individual Farms, Univ of IL 1969.
Lang: Fr 3-0-0, Ger 3-0-0.

TONTZ, Robert L., 500 12th Street SW, Washington DC 20250; PH 203-447-8474.
Prog Ldr, ERS-USDA (16) 06, 07, 23.
b. 1917 Oklahoma; M-2.
BS 1940 OK St Univ; MS 1941 IA St Univ; PhD 1952 OK St Univ.
Fields: 110, 017, 020, 060.
Prev Emp: Agr Econ, USDA, Washington DC 1956 to date; Econ, State Dept, Paris, 1968-71; Supr Agr Econ, USDA, Washington DC 1957 to date.
Pub: Foreign Agricultural Trade, IA St Univ 1966; Agricultural Trade & Multilateral Negotiations, Congressional Record 1973; U.S. Trade Policy & Agricultural Exports, IA St Univ Press 1973.
Lang: Fr 1-2-1, Sp 3-3-3.
Mbr: OPEDA; AHS; NAFSE, 1st V. Pres 1975
Hon: Who's Who in America; Am Men & Women of Science; Superior Serv Award, USDA 1965; Blue Ribbon Award, USDA 1972; Superior Serv Group Award, USDA 1975.

TORGERSON, Randall E., FCS-USDA, Rm 550, 500 12th Street SW, Washington DC 20250; PH 202-447-8870.
Adm, Farmer Coop Serv - USDA (19) 06, 07, 18.
b. 1939 Wisconsin; M-1.
BS 1962 Univ of MN; 1965-66 Agr College of Norway; MS 1967, PhD 1968 Univ of WI.
Fields: 014, 092, 017.
Prev Emp: Staff Econ, Agr Mktg Serv, USDA, Washington DC 1974-75; Asst to Assoc Prof, Univ of MO, 1968 to date.
Pub: Producer Power at the Bargaining Table (Book) Univ of MO Press 1970; Farm Bargaining (Book) Oslo, Norway 1971; Cooperative System Approach to Improving Farm Incomes, Univ of WI 1968.
Lang: Nor 2-3-2, Swe 3-3-3.
Mbr: IAAE.
Hon: Fulbright Grad Fellow 1965-66; Curators Publication Award 1971, Univ of MO.

TORLA, Robert F., Food & Resource Econ, Univ of Massachusetts, Amherst MA 01002; PH 413-545-2490.
Res Asst, Univ of MA (03) 23.
b. 1939 Massachusetts; M-2.
BA 1962, MA 1973, 1973 to date, Univ of MA.
Fields: 020, 081, 035.

Prev Emp: Mgr, Casco Bank, Portland ME 1966-71.
Mbr: AEA; Rotary Intl.

TORREALBA, Pablo M., Apartado 6742, San Jose, Costa Rica; PH 213804.
Mktg Spec, Inst Interamericano de Ciencia Agricola (67) 22.
b. 1943 Chile; Citz: Chile; M-2.
Agr Eng 1968 Catholic Univ of Chile; MS 1970, MA 1971, PhD 1972 MI St Univ.
Fields: 014, 073, 011, 017.
Prev Emp: Mktg Spec, MI St Univ, E Lansing 1971-72; Res Asst, MI St Univ, E Lansing 1971.
Pub: Desarrollo Rural de Americas 1974; Agricultural Marketing in Economic Development, Latin Am Market Planning Center, MSU 1971; El Desarrollo de la Comercializacion in America Latina, Desarrollo Rural de Americas 1974.
Lang: Spanish; Other: Eng 1-1-1, Fr 2-3-3, Por 2-3-3.
Mbr: Agr Econ of Chile; Agr Econ of Costa Rica.

TORRES, Hugo A., IICA Apartado 11185, Lima Peru; PH 221-921.
Mktg Spec, Inter Am Inst of Agr Sci, Org of Am States (67) 014, 017.
b. 1938 Colombia; Citz: Colombia; M-2.
BS 1963 Univ del Valle-CA; MS 1964 OH St Univ; PhD 1968 Univ of IL.
Fields: 014, 017, 011.
Prev Emp: Assoc Prof, Univ del Valle, Cali, Colombia 1963-71.
Pub: Diagnostic of the Agribusiness in Peru and Bolivia, IICA, Lima, Peru 1975; Manual de Centros de Aeopio (Spanish) IICA, Lima, Peru.
Lang: Spanish; Other: Eng 1-1-1, Fr 1-3-3.
Mbr: Colombian Agr Econ Assoc.

TOSTERUD, Robert J., 202 Ceres Hall, North Dakota St Univ, Fargo ND 58102; PH 701-237-7767.
Dir-UGPTI & Asst Prof, ND St Univ (03) 02, 07, 18.
b. 1946 USA; M-2.
BS 1968, MS 1969 ND St Univ; PhD 1973 Univ of Manitoba.
Fields: 019, 014, 015, 037.
Prev Emp: Asst Dir, Upper Great Plains Transportation Inst, ND St Univ, 1973-74.
Pub: A Model for Rationalizing the Canadian Grain Transportation and Handling System on a Regional Basis, AJAE 1973; Rail Car Allocation in North Dakota.. Procedures, Problems, Performance, ICC Practioners Jour 1974; Car Allocation in North Dakota Revisited, ICC Practitioners Jour 1975.
Mbr: CAES, ASTT; CAST.

TOUSSAINT, William De., Dept of Econ & Business, NC St Univ, Raleigh NC 27607; PH 919-737-3273.
Prof & Head, NC St Univ (03) 02.
b. 1927 North Dakota; M-4.
BS 1950 ND St Univ; MS 1951, PhD 1953 IA St Univ.
Fields: 011.

TOWNSEND, Thomas W., PO Box 1837, South Side Station, Springfield MO 65805; PH 417-865-9641.
Corp V. Pres, Mid-Am Dairymen Inc, (52) 10, 11, 15.
b. 1933 Kansas; M-2.
Bs 1958, MS 1959 KS St Univ; 1959-60 PA St Univ.
Fields: 014, 015, 016, 019.
Prev Emp: Spec Asst to Gen Mgr, Assoc Milk Prod, Little Rock & Wichita 1961-72; Res Asst, KS St Univ, Manhattan 1960-61.

TOWNSLEY, Robert J., Dept of Agr Econ, Massey Univ, Palmerston North, New Zealand.

TRACY, Marie Hewes, Dept of Agr & Resource Econ, College Park MD 20742; PH 301-454-3805.
Res Asst, Univ of MD (03) 23, 07, 08.
b. 1952 Massachusetts; M.
BS Cornell Univ; MS 1976 Univ of MD.
Fields: 062, 081.
Lang: Sp 1-2-2.

TRAILL, W.B., Dept of Agr Economics, Cornell Univ, Ithaca NY 14853.

TRAMMELL, David L. Jr., Box 5426, Mississippi St Univ, Mississippi MS 39762; PH 601-325-4166.
Ldr Ext Mktg, Coop Ext Serv, MS St Univ (03) 09, 08.
b. 1933 USA; M-3.
BS 1958, MS 1965, PhD 1970 MS St Univ.
Fields: 014, 015, 016.
Prev Emp: Ext Mkt Spec, MS Coop Ext Serv, MS St Univ 1965-74.
Pub: An Economic Analysis of the Demand Flor Fluid Milk, MS St Univ 1970; A Classified Pricing System for Milk, MS St Univ 1971; Cost-Volume Relationship in Fluid Milk Production, MS St Univ 1965.
Lang: Sp 3-0-0, Ger 3-0-0.
Mbr: SAEA;
Hon: Phi Kappa Phi, Treas 1971; Gamma Sigma Delta, Pres. 1969; MS St Agr Alumni Assoc, Pres; Adv Board Mbr - SE United Dairy Ind Assn.

TRAN, Hue Quoc, School of Agr Econ, Univ of Guelph, Ontario, N1G 2W1 Canada; PH 519-824-4120.

Res Asst, Univ of Guelph (03) 07, 23.
b. 1948 Vietnam; Citz: Vietnam; M.
BA 1970 CA St Univ; MBA 1972 MI St Univ; MS 1976 Univ of Guelph.
Fields: 011, 014, 073, 090.
Prev Emp: Sessional Lecturer, Univ of Guelph, 1973-74; Cost Anal, Dover-Turnbull Co, Toronto, Ontario 1972-73.
Pub: Cost Structure of Ontario Bulk Blending Fertilizer Plants, 1973; Milk Supply Functions in Ontario, Univ of Guelph 1976.
Lang: Vietnamese; Other: Eng 1-1-1, Fr 3-3-3.
Mbr: CAES.

TRAPP, James N., Dept of Agr Econ, MI St Univ, East Lansing MI 48824; PH 517-353-6768.
Res Spec, MI St Univ (03) 07, 23, 15.
b. 1947 Kansas; M-2.
BS 1969, MS 1971 KS St Univ; MA 1974, 1974 to date MI St Univ.
Fields: 016, 011, 081, 111.
Prev Emp: 2nd Lt, US Army Res, 1971; Res Asst, KS St Univ, Manhattan 1970.
Pub: A Polynomial Distributed Lag Model of Pork Production, MI St Univ 1975; Grain Cooperatives: Their Growth and Structural Change, KS St Univ 1973; Kansas Farm Products on the International Market, KS St Univ 1972.

TRAUTWEIN, Marvin W., Army Recruiting Command, Mkt Studies & Anal, Fort Sheridan IL 60037; PH 312-926-2679.
Oper Res Anal, US Army (26) 11, 14.
b. 1934 Illinois; U.
BS 1956 Univ of IL; MS 1958, PhD 1961 IA St Univ.
Fields: 017, 081.
Prev Emp: Oper Res Anal, US Navy, Great Lakes IL 1963-73.

TRAYLOR, Harlon D., Dept of Agr Econ, LA St Univ, Baton Rouge LA 70803; PH 504-388-3284.
Professor, LA St Univ (03) 07, 08, 27.
b. 1929 Louisiana; M-3.
BS 1951, Univ of SW LA; MS 1955 LA St Univ; PhD 1958 Cornell Univ.
Fields: 014, 015, 019, 093.
Pub: Wholesale Food Distribution in N. O., Baton Rouge LA 1958; The Sou Rice Industry, College Station TX 1969; Rice Milling in the South, Fayetteville AR 1974.
Lang: Sp 0-0-3.
Mbr; SAEA; LA Academy of Econ.
Hon: Phi Kappa Phi; Who's Who in South & Southwest.

TREAKLE, H. Charles, ERS-FDCD, 500 12th Street SW, Washington DC 20250; PH 202-447-8106.
Intl Agr Econ, USDA (16) 07, 06, 15.
b. 1920 Maryland; M-4.
BS 1941 Univ of MD; AB 1950 George Washington Univ; MA 1960 Am University.
Fields: 018, 073, 111, 112.
Prev Emp: Econ, FAO-UN, Rome, Italy 1972-75; Intl Agr Econ, ERS-USDA, Washington DC 1962-72.
Pub: The Agricultural Economy of Iraq, Washington DC 1965; Land Reform in Iraq, Washington DC 1970; The Agricultural Economy of Somalia, Washington DC 1971.
Lang: Ita 2-3-2, Sp 3-0-0, Fr 3-0-0.
Mbr: IAAE; Middle East Inst.

TREDE, Larry D., Midcrest Area Office, 501 W Taylor, Creston IA 50801; PH 515-782-7066.
Ext Farm Mgtm Spec, IA St Univ (03) 09, 20.
b. 1943 Iowa; M-1.
BS 1965, MS 1968, 1973-75 IA St Univ.
Fields: 012, 013, 011, 018.
Prev Emp: Instr, IA St Univ Econ Dept, Ames, 1973-75; Ext Farm Mgr, IA St Univ, Sioux City, 1968-73; Res Asst, IA St Univ Econ Dept, Ames 1966-68.
Pub: Evaluation of Feedlot Systems, IA St Univ 1974; Financing Livestock Producer, IA St Univ 1974; Evaluation of Swine Systems, IA St Univ 1969.
Mbr: IA Soc of FM&RA; ASFM&RA; Gamma Si Delta.

TRELOGAN, Harry C., 3625 N. Piedmont Street, Arlington VA 22207; PH 703-524-2891.
Retired Consultant (75) 26, 18, 08.
b. 1908 Pennsylvania; M-3.
BS 1931 WV Univ; MS 1933, PhD 1938 Univ of MN.
Fields: 091, 014, 088, 151.
Prev Emp: Adm, SRS-USDA, Washington DC 1961-75; Asst Adm, AMS-USDA, Washingto DC 1952-60; Asst Adm, ARS-USDA, Washington DC 1949-52.
Pub: Agricultural Market Prices, Wiley and Company, New York 1951; Dairy Sci, Prentice Hall, New York 1939-51; Story of Agricultural Estimates, USDA Misc Pub 1088, 1969.
Lang: Fr 2-0-1.
Mbr: ASA, Fellow; ADSA, Chrm Dairy Prod Comm, 1951; AAAS Fellow.
Hon: Who's Who in America; Leaders in Educ; Am Man & Women of Science; Blue Book, Leaders of the English Speaking World; Outstanding Achievement Award Univ of MN; Fellow AAEA.

TRIBBLE, Burt, ConAgra Inc, 200 Kiewit Plaza, Omaha NE 68131.

TRIMBLE, Richard L., Dept of Agr Econ, Texas A&M Univ, College Station TX 77843; PH 713-845-8011.
Econ-Mgmt, TX Agr Ext Serv (02) 09, 07.
b. 1946 Iowa; M-2.
BS 1968 Univ of MO; MS 1970 Univ of IL; PhD 1973 MI St Univ.
Fields: 013, 011, 012, 094.
Prev Emp: Asst Prof, Univ of Guelph Ontario, Canada 1973-75; Grad Res Asst, MI St Univ, East Lansing 1970-73; Grad Asst, Univ of IL, Urbana 1968-70.
Pub: Is an RRSP For You, Univ of Guelph 1975; Monetary Policy & The Beef Industry, MI St Univ 1975.
Mbr: CAEA.

TROCK, Warren Leigh, Dept of Economics, CO St Univ, Fort Collins CO 80523; PH 303-491-5394.
Professor, CO St Univ (03) 09, 07, 08.
b. 1926 Kansas; M-3.
BS 1950, MS 1957 KS St Univ; PhD 1966 MT St Univ.
Fields: 030, 020, 012.
Prev Emp: Prof, TX A&M Univ, College Station 1964-73; Asst Prof, MT St Univ, Bozeman 1957-64.
Pub: Cattle Feeding in the Northern Great Plains, Tech Paper No. 5, Exp Sta Bull. #576, MT St Univ 1963, Institutional FActors Affecting Land & Water Development, Lower Rio Grande Valley, TX Water Resources Research, Jour of the Am Geophysical Union, Dec 1969; An Evaluation of OBERS Projections of TX Agricultural Production in 1980, 2000 and 2020, TX Water Devl & TX Water Res Inst, TX A&M Univ 1973.
Mbr: CDS; WAEA.

TRONCOSO, Javier L., Casilla 567, Valdivia, Chile; PH 3812.
Lctr, Inst de Econ Agraria, Univ Austral de Chile (03) 08, 07, 10.
b. 1940 Chile; Citz: Chile; M-3.
Ing Agr 1966 Univ Catolica de Chile; Dipl Bus Adm 1968 Univ Louvain, Belgium; ME 1976 Univ of New England.
Fields: 011, 012, 092, 093.
Pub: Linear Programming as a Planning Device for the Agriculture of the Province of Valdivia, Trab, Investigacion #6 1973.
Lang: Spanish; Other: Eng 1-1-1, Fr 1-1-1.
Mbr: Colegio de Ingenieros Agronomos.

TROSTLE, Ronald G., USAID APO, San Francisco CA 96356.
Prog Econ, USAID (24) 19, 22, 15.
b. 1941 Kansas; M-2.
BS 1963 McPherson St College; MS 1969, PhD 1971 KS St Univ.
Fields: 035, 118, 064, 074.
Prev Emp: Res Asst, KS, Manhattan, 1967-71; Farmer, Self Employed, KS 1957-63 & 1967-71; Volunteer, Peace Corps, Brazil, 1963-65.
Pub: Evaluation of Local Non-Property Taxes, AJAE 1972.
Lang: Indonesian 2-2-2, Por 2-2-2.
Mbr: AEA; WEA.

TROTTER, Clarence E. 211 Weaver Bldg, Pennsylvania St Univ, University Park PA 16801; PH 814-865-0469.
Professor, PA St Univ (03) 08, 07.
b. 1916 Pennsylvania; M-4.
BS 1938 PA St College; PhD 1956 Univ of MN.
Fields: 014.
Prev Emp: Vo Agr Teacher, Marion Center, Joint High School, PA 1938-44; Supr on The Farm Training, Wayne County School Board, PA, 1946-48.
Pub: Consumer Response to Meat-Price Specials, PA St Univ 1970; Consumer Response to Graded Pork, PA St Univ 1959; Customer Credit in the Pennsylvania Feed Industry, PA St Univ 1973.
Lang: Sp 2-3-3.

TROTTER, Warren K., PO Box 5677, Russell Res Center, Athens GA 30604; PH 404-546-3326.
Agr Econ, USDA-ERS (16) 07.
b. 1922 Florida; M-2.
BSA 1947, MSA 1952 Univ of FL; PhD 1955 Cornell Univ.
Fields: 014, 015, 016, 026.
Prev Emp: Prof, Auburn Univ, AL, 1965-66.
Pub: Problems in Marketing Florist Crops, AE983, Cornell Univ 1955; Potential for Oilseed Sunflowers, AER-237, ERS-USDA 1973; An Interregional Competitive Model for Canned Peaches, AER 253, ERS-USDA 1974.
Mbr: SAEA.
Hon: Am Men & Women of Science; Who's Who in the South & Southwest; Certificate of Merit 1972.

TROXLER, Gale S., Dept of Economics, NC St Univ, Raleigh NC 27607; PH 919-737-3273.
Res Assoc, NC St Univ (03) 07, 23, 18.
b. 1942 Virginia; M.
1962-63 Univ of Heidelberg, W. Germany; AB 1964 Univ of NC-Chapel Hill; MA 1971 John Hopkins Univ; MA 1976 NC St Univ.
Fields: 112, 073, 080, 154.
Prev Emp: Res Cons, Res Triangle Inst, Raleigh 1976; Prin, Investigator, Center for Urban Studies, NC St Univ, 1975 to date; Res Asst, John Hopkins Univ 1971-72.
Lang: Ger 1-1-1, Fr 1-2-2.
Mbr: AEA; SID; Pacific Anthropologists.

TRUE, Arthur W., 205 N Jackson Street, Arlington VA 22201.
Retired (76) 26.
b. 1898 Minnesota; M-3.
BS 1924, MA 1931 Univ of MN.
Fields: 014.
Prev Emp: Asst to Adm, ERS-USDA, Washington DC 1955-68; Staff Asst, RMA, Wash. DC 1948-55; Unit Head, AAA, Wash. DC 1934-48.
Mbr: IAAE.

TRUE, David L., Dept of Agr Econ, TX Tech Univ, Lubbock TX 79409; PH 806-742-7252.
Res Asst, Dept of Agr Econ, TX Tech Univ (03) 07.
b. 1948 Texas; M.
BBA 1971, MS 1976 TX Tech Univ.
Fields: 012.
Prev Emp: Res Asst, TX Tech Univ, Lubbock TX 1974-76.
Lang: Ger 0-0-2.
Mbr: SAEA.

TRYPHONOPOULOS, Nicholas S., 2275 Bayview Avenue, Toronto, Ontario, Canada; PH 416-487-6254.
Assoc Professor, York Univ (03) 08, 07, 02.
b. 1935 Greece; M.
PhD 1967 Univ of CA, Berkeley.
Fields: 035, 081, 073, 075.

TSANG, C. Steve, Dept of Agr Economics, VPI & St Univ, Blacksburg VA 24060.

TSING, Lu Nien, 46 Kuan Chien Road, Taipei, Taiwan, Rep of China.

TSUJII, Hiroshi, The Center for SE Asian Studies, Kyoto Univ, Kyoto, Japan; PH 075-751-2111.
Res Assoc, Kyoto Univ (03) 07, 08, 02.
b. 1941 Japan; Citz: Japan; M-3.
MS 1969, PhD 1973 Univ of IL.
Fields: 073, 112, 017, 081.
Prev Emp: Res Asst, Kyoto Prefctural Univ, Kyoto, Japan 1964-67.
Pub: An Econometric Analysis of the Effects of Technological Improvements in Rice Production on Rice Trade, Agr & Econ Development, JERC, Tokyo 1972; Rice Economy and Policy of South Vietnam, Southeast Asian Studies 1975; Economic Analysis of the Rice Premium Policy of Thailand, Southeast Asian Studies 1976.
Lang: Japanese; Other: Eng 1-1-1, Thai 3-3-2.
Mbr: ES; Japanese Assoc of Theoretical Econ; Agr Econ Soc of Japan.

TUAN, Chih-Huang, Dept of Agr Econ, Mumford Hall, Univ of Illinois, Urbana IL 61801; PH 217-333-2657.
Grad Res Asst, Univ of IL (03) 07, 23.
b. 1941 China; Citz: Rep of China; M-1.
BS 1966, MS 1969 Natl Taiwan Univ; MS 1973 Univ of FL; 1973 to date, Univ of IL.
Fields: 030, 081, 085, 155.
Prev Emp: Res Asst, Univ of FL, Gainesville, 1970-73; Res, Housing & Urban Planning Div, CIECD, Taipei, Taiwan 1969-70.
Pub: A Description of the Southeastern Kissimer-Everglades Drainage Basin With Emphasis on Hydro-Economit Linkages, Univ of FL 1973; A Study of the Socio-Economic Characteristics of Part-Time Farmers in Tainan Area, Natl Taiwan Univ 1969.
Lang: Chinese; Other: Eng 1-1-1, Fr 3-3-3.
Mbr: Gamma Sigma Delta; Omicron Delta Epsilon.

TUAN, Chyau, Dept of Agr Econ, Natl Taiwan Univ, Taipei, Taiwan; PH 351-0231.
Assoc Prof, Natl Taiwan U. (03) 08, 07.
b. 1945 China; Citz: China; M-2.
BS 1967; MS 1970 Natl Chunghsing Univ; PhD 1973 OH St Univ.
Fields: 026, 063, 081, 088.
Prev Emp: Asst Prof, Natl Taiwan U. 1973-74; Res Assoc, OH St U., 1969-73.
Pub: Determinants of Fin Saving in Farmer's Assn 1960-70 Taiwan, OH St U. 1973; Res Constraint & Tech Prog in Taiwan 1900-60, Acad Sci, Taipei 1974; Econ Eval on the Pol Retired Farmland Recropping, NTU 1976.
Lang: Chinese; Other: Eng 1-1-1, Ger 2-2-
Mbr: AEA; Chinese EA; REA of China.
Hon: Who's Who in Asian Studies.

TUBBS, Alan R., 914 6th Avenue, DeWitt IA 52742; PH 319-659-3141.
Exec V. Pres, 1st Central State Bank (51) 17, 20.
b. 1944 Iowa; M.
BS 1966 IA St Univ; MS 1968, PhD 1971 Cornell Univ; Grad Cert 1974 Grad Scho of Banking, Univ of WI.
Fields: 013, 012, 094.
Prev Emp: Asst Prof & Ext Econ, OK St Univ 1970-72; Grad Teacher & Res Asst, Cornell Univ, 1966-70.
Mbr: Am Bankers Assoc; IA Bankers Assoc, Chrm Agr Comm 1975-76.
Hon: Who's Who in America; Am Men & Wome of Science; Edwin G Nourse Award for Outstanding PhD Dissertation 1971; OK Bankers Assoc Grant to Grad School of Banking, Madison WI.

TUN, Sovan, Agr Econ Dept, PO Box 1071, Knoxville TN 37901; PH 615-974-7231.
Res Aid, Univ of Tennessee (03) 07, 23.
b. 1942 Cambodia; Citz: Cambodia; M-2.

BS 1966 Univ of TN; Licence-es-Sc 1970 Univ of Phnom-Penh.
Fields: 030, 081, 011.
Prev Emp: Dir of Stat, Ministry of Agr, Cambodia 1972; Chf of Agr, Stat Div, Ministry of Agr, Cambodia 1971; Asst Chf of Agr Stat Div, Ministry of Agr, Cambodia 1967.
Pub: La Statistique Agricole au Cambodge, Faculty of Law 1970; Enquete Socio-Econ dans la Region de Dangkor, Agr Stat Division, 1972; Rice Export in the Khemer Republic, Khem Republic Vol 1, No. 2, 1972.
Lang: Cambodian; Other: Eng 1-1-1, Fr 1-1-1.
Mbr: SID; SAEA.
Hon: Gamma Sigma Delta.

TUREK, Paul S., Cook College Office Bldg, New Brunswick NJ 08903.

TURKISH, Norman A., 55 Water Street, New York NY 10041; PH 212-952-5381.
Partner, Bear Stearns & Co (51) 27.
b. 1934 New York; D-2.
BS 1956, MBA 1960 Cornell Univ; MA 1960 Univ of VT.
Fields: 016, 110, 130.

TURNER, Aldon A., 1401 Wilson Blvd, Arlington VA 22209; PH 703-524-9400.
Sr Anal, Center for Naval Anal (71) 07, 04, 15.
b. 1945 Montana; M-2.
BS 1968, MS 1969 MT St Univ; MS 1971, PhD 1972 NC St Univ.
Fields: 024, 041, 062.
Prev Emp: Instr, NC St Univ, Raleigh 1971-72.
Pub: An Empirical Inv of Job Search, NC St Univ 1972; An Economic Study on the Input Mix of Irrigated Pastures, MT St Univ 1969; Strategic Force Mix Study, Arlington VA 1974.
Lang: Fr 2-0-0.
Mbr: AEA; Military Oper Res Soc.

TUTHILL, Dean F., Dept of Agr & Res Econ, Univ of Maryland, College Park MD 20742; PH 301-454-3801.
Professor, Univ of MD (03) 09, 07, 08.
b. 1924 New York; M-4.
BS 1949 Cornell Univ; MS 1954, PhD 1958 Univ of IL.
Fields: 031, 026, 073, 022.
Prev Emp: Assoc Prof, Univ of ME, Orono, 1956-65.
Pub: Two Chewa Villages Revisited, Univ of Zambia, 1973; Service to Village Cultivators in the South Ngoni Area of the Chipata District, Univ of MD 1975; Land: A Private Commodity & a Public Resource, Univ of MD 1975.
Hon: GSD; ESP; Fulbright Scholarship in Zambia 1972-73.

TWEETEN, Luther G., Rm 312 Agr Hall, O St Univ, Stillwater OK 74074; PH 405-376-6211.
Regents Prof, Dept of Agr Econ, OK St Univ (03) 07, 08.
b. 1931 New Mexico; M-4.
BS 1954 IA St Univ; MS 1958 OK St Univ; PhD 1962 IA St Univ.
Fields: 017, 030, 040, 070.
Prev Emp: Vstg Prof, Univ of WI-Madison 1972-73; Vstg Prof, Stanford Univ, CA 1966-67; Res Assoc IA St Univ, Ames 1962-64.
Pub: Micropolitan Development Foundations of Farm Policy, IA St Univ Press 1976.
Mbr: AEA; SAEA; WAEA.
Hon: PhD Thesis Selected for Comp 1962, IA St Univ; WAEA 1972, Outstanding Published Res; Outstanding Alumni Achievement Award, Waldorf College 1970.

TYNER, Fred H., Dept of Agr Economics, PO Box 5187, Mississippi State MS 39762; PH 601-325-2750.
Professor, MS St Univ (03) 07, 08.
b. 1937 Mississippi; M-2.
BS 1959, MS 1962 MS St Univ; PhD 1966 OK St Univ.
Fields: 011, 017, 088.
Prev Emp: Assoc Prof, Univ of FL 1968-72; Asst Prof, LSU, Baton Rouge LA 1966-68; Agr Econ, USDA-FPED-ERS, Oklahoma 1963-66.
Pub: Optimum Resource Allocation in U.S. Agriculture, Readings in the Econ of Agr, R.D. Irwin, AJAE 1969; Simulation as a Methodology for Appraisal of Farm Programs, AJAE 1968.
Lang: Sp 3-0-0.
Mbr: SAEA; Am Forage & Grassland Council.
Hon: Am Men & Women of Science.

TYNER, Wallace E., 445 Warren Hall, Dept of Agr Econ, Cornell Univ, Ithaca NY 14853; PH 607-256-3095.
Res Assoc, Cornell Univ (03) 07.
b. 1945 USA; M-1.
BS 1966 TX Christian Univ; MA 1972; 1970-74 Univ of MD.
Fields: 020, 073, 068, 067.
Prev Emp: Assoc Scientist, Earth Satellite Corp, Washington DC 1973-74; Prof Asst, Natl Sci Foundation, Washington DC 1972; Br Chf, Peace Corps, Washington DC 1970-71.
Pub: Evaluation of Economic, Environmental & Social Costs & Benefits of Future Earth Resources Survey Satellite Systems, Earth Satellite Corp 1974; Atlantic Outer Shelf Energy Resources: An Economic Analysis, Cornell Univ 1974.
Mbr: AEA; AAAS; Assoc for Asian Studies.
Hon: Presidental Fellowship in Sys Anal.

TYRCHNIEWICZ, Edward W., Dept of Agr Econ, Univ of Manitoba, Winnipeg, Manitoba R3T 2N2 Canada; PH 204-474-9801.
Professor, Univ of Manitoba (03) 07, 01, 18.
b. 1941 Canada; Citz: Canada; M-2.
BSA 1962 Univ of Manitoba; MS 1963, PhD 1967 Purdue Univ.
Fields: 019, 014, 017, 088.
Prev Emp: Dir of Res, Grain Handling & Trans Commission, Saskatoon, 1975-76; Exec Sec, Center for Trans Studies, Univ of Manitoba, 1967-70; Asst Prof, KS St Univ 1966-67.
Mbr: IAAE; CTRF; CAES, Councillor 1971-73.
Hon: Who's Who in America.

UHL, Joseph N., Dept of Agr Economics, Krannert Bldg, Purdue Univ, W. Lafayette IN 47906.
Assoc Prof, Purdue Univ (03) 08, 07, 09.
b. 1939 Ohio; M-3.
BS 1961, PhD 1969 MI St Univ.
Fields: 050, 014, 015.
Prev Emp: Vstg Prof, Univ of CA, Davis 1975-76; Staff Econ, Natl Comm on Food Mktg, Washington DC 1965-66; Vstg Prof, Univ of AL, Tuscaloosa 1971.
Mbr: AMA; ACCI, Ed, Jour of Consumer Affairs.
Hon: Sigma Xi.

UHRIG, J. William, Dept of Agr Economics, Krannert Bldg, W Lafayette IN 47906; PH 317-749-2066.
Professor, Purdue Univ (03) 09, 07, 15.
b. 1930 Illinois; M-5.
BS 1954, PhD 1965 IA St Univ; Dip 1971 SMU, Grad School of Banking.
Fields: 018, 014, 013, 012.
Prev Emp: Res Assoc, Cook Ind Inc, Memphis TN 1975-76; Dir of Econ Res, Farmers Grain Dealers Assoc, Des Moines IA 1966-67; Asst Prof, IA St Univ, Ames 1965-66.
Pub: An Analysis of Soybean Processing Plant Location in Iowa, IA St Univ 1965; An Economic Analysis of National Agr Banking SWIGSBIE, SMU, Dallas TX 1971; Beef Cattle Marketing Handbook, Purdue Univ 1976.
Mbr: IN-SFM&RA.
Hon: Sigma Xi; Alpha Zeta.

UMBERGER, Dwaine F., USDA LACIE Project, Fed Bldg, 600 E Cherry Street, Columbia MO 65201; PH 314-442-2271.
Agr Econ, USDA-ERS (16)
b. 1941 South Dakota; M-2.
BS 1965, MS 1967 SD St Univ; PhD 1972 WA St Univ.
Fields: 012, 019, 013, 018.
Pub: Transportation in Rural America, Washington DC 1975; Effects of Legal and Financial Constraints on Farm Growth, WA St Univ 1975; Effects of Selected Tax Provisions on Farm Growth; A Simulation Analysis, WA St Univ 1974.
Mbr: WAEA.
Hon: USDA Cert of Merit in Trans Res.

UMSTOTT, Haven D., 5512 South Agr Bldg, 14th & Independence Avenue SW, Washington DC 20250; PH 202-447-6725.
Dir Rep Staff, FAS-USDA, (18) 06, 05, 18.
b. 1917 West Virginia; W-3.
BS 1937, MA 1941 WV Univ; 1941 OH St Univ; 1942-43 Am Univ.
Fields: 118, 013, 141, 091.
Prev Emp: Ldr, Tchg Asst, USDA-ERS, Washington DC 1964-75; Econ Mktg, USDA-ERS, Washington DC 1962-64; Pres, AADTA, Inc., Washington DC 1947-53.
Pub: Production & Export of Corn & Rice in Brazil, USDA-FAER 54, 1969; Prospects for Agriculture in the Caribbean USDA-FAER 1969; Foundations of an Agricultural Policy in Paraguay, Praeger Publishers 1971.
Lang: Sp 2-0-0; Fr 3-0-0.
Mbr: IAAE; Intl Club - Washington DC.
Hon: USDA Cert of Merit; Army Commendation Medal; Inventor, US & Canadian Patents.

UNDERWOOD, F. L., 1-1/2 S Hwy 18 R 1, Cushing OK 74023; PH 918-225-5799.
(76) 26.
b. 1905 USA; M-3.
BS 1927 Univ of IL; PhD 1932 Cornell Univ.
Fields: 012, 081, 014, 073.
Prev Emp: Agr Econ & Prof, TX A&M, USAID, Bangladesh 1964-71; Agr Econ & Prof, Univ of KY-USAID, Indonesia 1958-62; Prof, VPI & St Univ, Blacksburg VA 1932-45.
Pub: Fluecured Tobacco Farm Management, VPI & St Univ 1942; Costs and Returns in Producing Potatoes, Cornell Univ 1932.
Lang: Indonesian 2-2-1; Jap 3-3-1.
Mbr: IAAE.
Hon: Sigma Xi; Pi Gamma Mu; Gamma Sigma Delta.

UNGER, Samuel G., PO Box 727, 200 Res Drive, Manhattan KS 66502; PH 913-539-3565.
V. Pres, Devl Planning & Res Assoc (54) 07, 05, 15.
b. 1939 Kansas; M-3.
BS 1961 KS St Univ; MS 1964, PhD 1966 MI St Univ.
Fields: 081, 014, 015, 061.
Prev Emp: Assoc Prof, KS St Univ 1972.
Pub: Maximizing Returns from Allocation of Arizona's Remaining Entitlement to Colorado River Water, AZ Water Comm 1971; Industrial Energy Study of Selected Food Industries, Federal Energy Adm 1974; National Benefits of Achieving the 1977, 1983 and 1985 Water Quality Goals, Environmental Protection Agency 1975.
Lang: Ger 2-0-0.
Mbr: AEA; Econometric.

UNSAL, Fahri, 153 Warren Hall, Dept of Agr Economics, Ithaca NY 14853.

UPADHYAY, Shrikrishna. Agr Devl Bank, Head Office, Dharmpath, Kathamandu, Nepal; PH 11-744.
Dept Gen Mgr, Agr Devl Bank (67) 05, 18.
b. 1945 Nepal; Citz: Nepal; M-2.

BC 1962 Trichandra College; MC 1964 Tribhuvan Univ; 1965 Univ of WI; ME 1974 NC St Univ.
Fields: 013, 073, 032.
Prev Emp: Div Chf, Res Div, Agr Devl Bank, Kath, Nepal 1974; Sect Chf, Agr Devl Bank 1970.
Lang: Nepali; Other: Hindi 1-1-1, Eng 1-1-1.
Hon: Omicron Delta Epsilon.

UPCHURCH, Melvin L., 2014 McCarty Hall, Gainesville FL 32611; PH 904-392-1718.
Vstg Prof, Univ of FL (03) 02, 08, 09.
b. 1914 Oklahoma; M-2.
BS 1935, MS 1936 TX A&M Univ; PhD 1940 Univ of WI.
Fields: 017, 018, 035.
Prev Emp: Adm, ERS, Washington DC 1965-71; Dir, Farm Prod Econ, ERS, Washington DC 1964-65; Staff Econ, USDA, Washington DC 1962-64.
Lang: Sp 2-0-2.

UPDAW, Nelson J., Room 217, 1911 Bldg, NC St Univ, Raleigh NC 27607; PH 717-737-2617
Grad Student, NC St Univ (03) 23, 08, 07.
b. 1951 New York; M.
BA 1973 SUNY; ME 1975 NC St Univ.
Fields: 016, 014, 156.
Lang: Fr 2-3-2.
Mbr: AEA; SAEA.

UPHAUS, Charles M., 132 E 129th Street, Grandview MO 64030.

URGUHART, Norman R., 399 Park Avenue, Economics Department, New York NY 10022; PH 212-559-4277.
Asst V. Pres, First Natl City Bank (54) 07, 15.
b. 1915 Illinois; M-7.
BS 1936 Univ of IL; MS 1937 Univ of MD; 1937-38 USDA Grad School; 1948-49 Univ of IL.
Fields: 018, 017.
Prev Emp: Econ, Fed Res Bank, Chicago IL 1949-51; Agr Econ, SCS-USDA, Urbana 1948-49; Asst Prof, W. IL St Univ, Macomb IL 1947-48.
Pub: Who Gets What in the Big Grain Deal, Monthly Econ Letter-First Natl City Bank, Dec 1975; Primary Commodity Prices, Encyclopedia Brit Book of the Year 1975; Commodity Leter, Weekly by First Natl City Bank, Continuously Since 1951.
Lang: Ger: 3-3-3.
Mbr: SCSA; ASFM&RA; AEA.
Hon: Am Men & Women of Science; Alpha Zeta; Gamma Sigma Delta.

USMAN, Joko S., JL Tambak 16A, Jakarta Pusat, Indonesia.
Private/Govt (51) 05, 19, 07.
b. 1939 Indonesia; Citz: Indonesia; M-1.
Agr Eng 1964 Univ of Indonesia; MS 1974 Univ of FL/MS St Univ; PhD 1975 MS St Univ.
Fields: 081, 052, 093, 101.
Prev Emp: Res Fellow, MS St Univ, 1972-75; Agr Econ, World Bank Team, Indonesia 1970-72; Fellow, Asian Inst for Econ & Devl, Thailand 1969.
Pub: The Economic Scale of R. Drying Facilities Institute Delta Area of Mississippi, MS St Univ.
Lang: Indonesian; Other: Eng 1-1-1, Dutch 2-2-0.
Mbr: Indonesian Econ Assoc; Asian Devl Plnr Assoc.

UTTERBACK, Robert L., Dept of Agr & Res Econ, Ext Hall #316, OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Grad Res Asst, OR St Univ (03) 23.
b. 1952 Indiana; U.
BA 1974 Purdue Univ; MA 1975 OR St Univ.
Fields: 093, 014, 096, 095.
Prev Emp: Summer Intern, Fed Intermediate Credit, Bank of Louisville 1973; Interviewer, Purdue Univ, IN, 1971-72.
Mbr: Western Council of Agr Econ.
Hon: Alpha Zeta, V. President.

UVACEK, Edward Jr., Dept of Agr Econ, TX A&M Univ, Rm 110, Agr Bldg, College Station TX 77843; PH 713-845-3171.
Assoc Prof, TX A&M Univ (03) 09, 15, 08.
b. 1930 New Jersey; M-3.
BS 1952, MS 1956 Rutgers Univ; PhD 1967 TX A&M Univ.
Fields: 014, 015, 018, 151.
Prev Emp: Assoc Prof, Ext Serv, TX Agr Exp Station, TX A&M Univ 1962-74; Dir, Western Res Inst, TX 1960 to date; Livestock Mktg Spec, TX A&M Univ, 1961-to date.
Pub: Economics of Feedlots & Financing, The Feed Lot Chapter 2, 1972; A New Look at Demand Analysis for Beef, AJAE 1968; New Approaches Needed in Applied Meat, AJAE 1968.
Lang: Rus 3-0-0; Sp 3-0-0.
Mbr: AMA; WAEA; IAAE.
Hon: Who's Who in South & Southwest; Am Men & Women of Science; Dir of Res, Task Force Study, Ntl Livestock & Meat Board 1973-74; Award Trustee, Livestock Merchandising Inst 1971.

UYESHIRO, Ronald Y., Independence Avenue & 14th Street SW, Washington DC 20250; PH 202-477-6591.
Agr Econ, FAS-USDA (18) 19, 15, 07.
b. 1945 Hawaii; M-1.
BS 1969 CA St Polytechnic Univ, Pomona; MS 1972, PhD 1974 Purdue Univ.
Fields: 015, 084, 016, 105.
Prev Emp: Grad Res Asst, Purdue Univ, Lafayette IN 1969-74; Adm Asst, Purdue Univ, Lafayette IN 1971-72; Wholesaler, Kaillia Prod Ltd, Honolulu HI 1963-64.
Pub: Marketing Problems Force Cut in World Tomato Harvest, Foreign Agriculture, FAS-USDA 1975; An Interregional Analysis of the Impact of Post-Season Process in the Tomato Industry, PhD Thesis, Purdue Univ 1974.
Lang: Sp 2-2-2.
Mbr: Am Soc for Hort Sci.
Hon: Alpha Zeta; Gamma Sigma Delta; Phi Kappa Phi.

VALDES, Alberto, CIAT, Apartado Aereo 67-13, Cali, Colombia.
Economist, CIAT (67) 07.
b. 1935 Chile; Citz; Chile; M-4.
Ing Agronomo 1957 Univ Catholica De Chile; Master 1966, The Univ of Chicago; PhD 1972 The London School of Economics.
Fields: 110, 070, 011.
Prev Emp: Dir, Grad Program Univ Catolica de Chile, Santiago 1972-73; Dean, Fac Agr Univ Catolica de Chile 1967-68; Dir, Grad Prog, Agr Econ Univ Catolica de Chile, Santiago 1968.
Pub: Trade Policy & Its Effect on External Agr Trade Chile, AJAE, May 1973; Wages & Schooling Agricultural Workers, Econ Devl & Cultural Change 1968; Land Reform in Chile, Edwards Press 1974.
Lang: Spanish; Other: Eng 1-0-1, Por 1-3-3.
Mbr: AEA.

VALPEY, John R., 696 N Carmelita, Porterville CA 93257.

VAN BLOKLAND, Peter J., 305 Mumford Hall, Dept of Agr Economics, Univ of Illinois, Urbana IL 61801; PH 217-333-8375.
Res Asst, Univ of IL (03) 23, 07, 21.
b. 1941; Citz: England; M-3.
BS 1963 Reading, England; MS 1966 West Indies, Trinidad; MS 1974 Univ of IL; PhD 1976 Univ of IL.
Fields: 017, 011, 071, 016.
Prev Emp: Agr Econ, Univ of Aberdeen, Scotland 1969-72; Agr Adm, Firm-London Based, Africa 1965-69; Agr Firm, London Based Africa 1963-65.
Pub: U.S. Grain Marketing, Chapter 1, Cereal Sc & Tech Book 1976; Livestock Futures, Dissertation 1974; EEC & Scotland's Farmers, Univ of Aberdeen 1972.
Lang: Fr 3-3-3, Zulu 0-0-3.
Mbr: IAAE; EMS (UK); ICTA Assoc.
Hon: Gamma Sigma Delta; Phi Kappa Phi.

VANDEN NOORT, Pieter C., Holland Sewegl, Wageningen, The Netherlands; PH 08-370-82949.
Assoc Prof, Agr Univ (03) 08, 07, 18.
b. 1935 Netherlands; Citz: Netherlands; M-2.
MS 1959 Agr Univ; PhD 1965 Agr Univ.
Fields: 017, 114, 112, 105.
Prev Emp: Assoc Prof, Agr Univ, Wageningen 1971; Prof School of Econ, Belgium 1969-71; Vstg Prof, MI St Univ, E. Lansing 1967-68.
Pub: Size & Distribution of Agricultural Income, Wageningen, Holland 1965; Productivity of U.S. Agriculture, MI St Univ 1968; Productivity Measurement in Agriculture, OECD, Paris, France 1971.
Lang: Dutch; Other: Eng 1-1-1, Fr 1-2-2.
Mbr: Royal Dutch Agr Soc, Sec. Gen; IAEA Country Correspondent.

VANDERENDE, Eduard J.L., PO Box 20754, Rotterdam, NL, Netherlands; PH 010-33-3222.
Commodity Futures Trader, I S Joseph Company (Netherlands)(51) 10, 15, 17.
b. 1947 Netherlands; Citz: Netherlands; U.
Can in Law 1972 Erasmus Univ, Rotterdam.
Fields: 159, 016, 055, 014.
Prev Emp: Comm Futures Trader, Kon J Willebeekle Mair bv Rotterdam 1973-74.
Lang: Dutch; Other: Ger 1-1-1, Eng 1-2-2, Fr 2-2-3.

VAN DYNE, Donald L., Room 293, 500 12th Street SW, Washington DC 20250; PH 202-447-8343.
Agr Econ, ERS (16) 07, 06.
b. 1943; M-1.
BS 1968 Univ of MO; MS 1972 Rutgers Univ PhD 1976 Univ of MD.
Fields: 026, 081.
Prev Emp: Res Asst, Univ of MD, College Park 1972-75; Res Asst, Rutgers Univ, New Brunswick NJ 1971-72.
Pub: Economic Feasibility of Using Solar Energy in Heating Maryland Broiler Houses, Univ of MD 1976; A Case Study Under the Farmland Assessment Act, Rutgers Univ 1974; Energy Use & Conservation in the Poultry Industries, ERS-USDA 1976.
Mbr: Intl Solar Energy Soc.

VANEGAS, Manuel A., PO Box 2252, Managua Nicaragua; PH 277-51.
Head of the Agr Econ Div, Central Bank of Nicaragua, (33) 15, 07, 18.
b. 1942 USA; M-3.
BS 1966 ENAG; MS 1970, PhD 1974 Univ of MN.
Fields: 011, 014, 081, 016.
Prev Emp: Head, Agr Econ Div, Banco Central, Nicaragua 1971-75; Prof Enag Nicaragua 1968-69 Supr, IAN, Nicaragua 1966-67.
Pub: Estimating Milk Production Function 1971; Demand of Milk in the Managua Area 1975.
Lang: Spanish; Other: Eng 1-1-1.
Mbr: AEA.

VANGSNESS, Elmer C., MOR 306, North Dakota St Univ, Fargo ND 58102; PH 701-237-7393.
Assoc Prof, Res Econ, ND St Univ, Ext Service (03) 09.
b. 1921; M-3.
BS 1950 , MS 1963 ND St Univ.
Fields: 030, 040, 020.

Prev Emp: Asst County Agent, Williston ND 1957-58; Voc Agr Inst, Crosby ND 1955-57; Vet Agr Instr, Rugby, ND 1950-55.
Mbr: WAEA.
Hon: Alpha Zeta; Phi Kappa Phi.

VAN HAEFTEN, Roberta K., ERS-FDD, 3055 South Bldg, Washington DC 20250; PH 202-447-5759.
Econ/Program Leader, ERS (16) 18, 19, 22.
b. 1940 IL; M-0.
BA 1963 AZ St Univ; MA 1965 AZ St Univ.
Fields: 072, 111, 156, 014.
Prev Emp: Prog Leader, ERS, Wash. DC 1971-74; Devl Off, Intl Agr Devl Serv 1968-69; Mgmt Intern, Intl Agr Devl Serv 1966-68.
Pub: Coll Educ & Pol Issues, AZ St Univ 1965; Export Markets for Colombian Agr Products, AID, Washington DC 1974; An Analysis of the Panamanian Agr Price Policy System, Aid/ Panama 1975.
Lang: Sp 2-1-1.
Mbr: SID, Council Mbr 1975-76; AEA; Am Assoc for the Advancement of Science.
Hon: Graduated Summa Cum Laude; Fulbright Grnat to the Philippines; Unit Award for Dist Service, USDA 1972.

VANKAI, Thomas A., USDA, GHI Bldg Rm 314, Washington DC 20783; PH 447-8338.
Act Prog Area Leader, USDA (16) 07.
b. 1919; Citz: Hungary; M-1.
MS 1962 MD State; Doctor Agronomiae 1942, Hungary.
Fields: 110, 017, 016, 011.
Pub: The Feed-Livestock Economy of East Germany, Washington DC 1975; The Feed Livestock Economy of Eastern Europe, Washington DC 1973; The Agricultural Economy and Trade of Hungary, Washington DC 1969.
Lang: Hungarian; Other: Eng 1-1-1, Ger 1-1-1.
Mbr: OPEDA.
Hon: Blue Ribbon Award of FAS/USDA; Superior Service Award of ERS-USDA; Cert of Merit ERS-USDA.

VAN MEIR, Lawrence W., 4801 Camelot Street, Rockville MD 20853.

VANVIG, Andrew, Div of Agr Econ, Laramie WY 82071; PH 307-766-2386.
Prof, Head of Div, Univ of Wyoming (03) 02, 07, 08.
b. 1922; M.
BS 1942 ND St Univ; MS 1943 Cornell Univ; PhD 1951 Univ of MN.
Fields: 013, 012, 112, 017.
Prev Emp: Prof of Head, Div of Agr Econ, Univ of WY, Laramie 1957; Assoc Prof, Univ of AZ, Tucson 1955-57; Asst Prof, Univ of AZ, Tucson 1952-55.
Lang: Nor 2-0-2.
Mbr: WAEA President 1963-64; IAAE; AZ-FM&RA.
Hon: Who's Who in America; Am Men & Women of Science; Leaders in Am Science; Fellowship to 10th Annual Cent of Agr Economists, India 1958.

VANWERSCH, Herman J., 1818 H Street NW, Washington DC 22433; PH 202-477-6918.
Economist, World Bank (66) 17, 18, 07.
b. 1937; Citz: Netherlands; M-2.
DRS 1963 Univ of Utrecht Netherlands; MA 1962 Univ of Chicago; PhD 1969 Univ of MN.
Fields: 033, 013, 017, 022.
Prev Emp: Asst Prof, Univ of MN, St Paul, Tunis 1971-72; Res Assoc, Univ of MN, St Paul, Tunis 1969-71; Res Asst, Univ of MN, St Paul 1968-69.
Lang: Dutch; Other: Fr 1-1-1, Ger 1-2-1.
Hon: Gamma Sigma Delta.

VARNER, Michael C., Warren Hall, Dept of Agr Economics, Cornell Univ, Ithaca NY 14853.
Cornell Univ (03) 23.
b. 1946; U-4
BS 1968 PA St Univ; MS 1973 PA St Univ.
Fields: 014, 015, 050, 100.
Hon: ODE; PKP.

VASTINE, William J., 106 Agr Bldg, Dept of Agr Econ, Texas A&M Univ, College Station TX 77843. PH 713-845-6853.
Ext Econ Mkt Food Distribution (03) 09, 08, 07.
b. 1939; M-4.
BS 1960, MS 1963, PhD 1966 OH St Univ.
Fields: 015, 014, 051, 093.
Prev Emp: Assoc Prof, NM St Univ, Las Cruces 1966-72; Instr OH St Univ, 1965-66; Instr College Counselor, Coll of Agr & Home Econ, OH St Univ 1961-65.
Lang: Fr 3-0-0.
Mbr: Food Distribution Res Soc, VP & Board of Directors; AMA; ACCI.
Hon: Directory of Am Scholars; Am Men & Women of Science; Las Campanas Tchr of the Year 1969; Coll of Agr & Home Econ, Teacher Award 1970; Among 5 Finalists for AAEA Ext Award 1975.

VAUT, Gregory A., 2001 S Street NW, Washington DC 20009. PH 202-332-7332.
Dir, Agr & Rural Devl, Partners of the Americas (72) 22, 18, 19.
b. 1948; M.
BA 1969 Univ of OK; MS 1974 Univ of MA.
Fields: 070, 010, 020, 080.
Prev Emp: Consultant, New England River Basins Com, Boston Res Assoc, Dept of Agr Econ Univ of MA; Agr Ext Off & Nutrition Educ, Ivory Coast.

Pub: Econ of Flood Insurance, Water Resource Res Center, Univ of MA 1974; Now-Eff. OBSS of Decision Making in Water Resource Development, Water Res Bull 9:6:1182, 1973; Greenhouse Linear Programming, Coop Ext Service 1973.
Lang: Fr 1-1-1, Sp 1-3-2.
Mbr: IAAE; SID; AEA.
Hon: Grad Fellow, Univ of MA; Phi Kappa Phi.

VAZQUEZ, Roberto E., Moreno 1257 3° Piso, Buenos Aires, Argentina; PH 37-1171.
Agr Econ, IICA-OAS, Argentina (67) 07, 18, 19.
b. 1947 Uruguay; Citz: Uruguay; M-1.
Ing Agr 1971 Univ de la Rep-Uruguay; MS 1973 Univ of ID; PhD 1976 TX A&M Univ.
Fields: 011, 081, 016, 073.
Prev Emp: Res Asst, TX A&M Univ, College Sta 1974-76; Agr Econ, Inst Har Coloniz, Uruguay 1971-72.
Pub: An Analysis of Land Reform-The Case of Chile, MS Thesis 1973; Decision Models for Livestock Production in Uruguay, PhD Dissertation 1976.
Lang: Spanish; Other: Eng 1-1-1, Fr 1-1-1.

VEEMAN, Michele, Dept of Rural Econ, Univ of Alberta, Edmonton, Alberta, Canada T6G 1X1; PH 502-432-5714.
Assoc Prof, Univ of Alberta (03) 08, 07.
b. 1941 New Zealand; Citz: NZ/Canada; M-1.
BS 1964 Massey Univ; MS 1967 Univ of Adelaide; PhD 1972 Univ of CA, Berkeley.
Fields: 014, 077, 112.
Mbr: CAES, Editor 1972-76.

VELDE, Paul Dwight, 500 12th Street SW, USDA-ERS, Rm 206, Washington DC 20250; PH 202-447-7340.
Agr Econ, USDA-ERS (16) 07, 14, 04.
b. 1939; M-4.
BS 1962 Univ of MN; MS 1964 ND St Univ; PhD 1970 Purdue Univ.
Fields: 016, 060, 080, 115.
Prev Emp: Asst Prof, Purdue Univ, 1969-70; Grad Res Asst, Purdue Univ 1964-65; Grad Res Asst, ND St Univ, Fargo 1962-64.
Pub: Substituting Soy Proteins for Other Proteins in Feed Rations-Economic Aspects, World Soybean Res Conf Proceedings, IL 1975; Setting Loan Support Rates for Major Feed Grains, Jour of Agr Econ Res, 1975; Margarine Consumption & Prices, Fats & Oil Situation 1974.
Lang: Sp 3-3-3.
Mbr: IAAE.
Hon: Chicago Board of Trade Doctoral Fellowship 1964-65.

VENEZIAN, Eduardo L., Praia de FlaMengo 100-12, Rio de Janeiro, Brazil.
Rep, The Ford Foundation (72) 04, 18.
b. 1935 Chile; Citz: Chile; M-5.
Ing Agr 1957 Cath Univ, Chile; MS 1959; PhD 1962, IA St Univ.
Fields: 073, 011, 017, 081.
Prev Emp: Prog Adv, Ford Foundation, Mexico 1965-72; Sr Economist, Org of Am States, Washington DC 1962-65; Res Assoc, IA St Univ 1959-62.
Pub: Agricultural Development of Mexico, Praeger, New York 1969; Agricultural Income in West Pakistan, Plan & Devl, Dept Lahore, WP 1970; Confidence Limits For...Prod Functions, CJAE 1965.
Lang: Spanish; Other: Eng 1-1-1, Ita 1-1-
Mbr: ES; Brazil Soc of Agr Econ; IAAE.
Hon: Gamma Sigma Delta; Fulbright Scholarship Guatemalan Acad of Science.

VERMALLAY, Ashton I., Dept of Economics, IA St Univ, Ames IA 50011.

VERMEER, James, 3307 North Piedmont Stree Arlington VA 22207; PH 202-447-5593.
Asst Dir, Commodity Econ Div, ERS-USDA (16) 07, 06.
b. 1912; M-1.
BS 1939 IA St Univ; MS 1940 LA St Univ.
Fields: 017, 011, 012.
Lang: Dutch 2-0-2.
Hon: USDA Superior Serv Award 1969; USDA Cert of Merit 1971.

VERTREES, James G., House Office Bldg Annex 2, 2&D Street SW, Washington DC 20515; PH 202-225-1454.
Analyst, Congressional Budget Office (36) 19, 18.
b. 1942; M-3.
BS 1964, MS 1965 Purdue Univ; PhD MI St Univ.
Fields: 017.
Prev Emp: Analyst, OPE-USDA, Washington DC 1972-75; Economist, ERS-USDA 1965-72.

VERTREES, Robert L., School of Natural Resources, OH St Univ, Columbus OH 43210; PH 614-422-2265.
Asst Professor, Div of Res Econ (03) 08, 07.
b. 1939; M-3.
BS 1961 Purdue Univ; MS 1967, PhD 1974 MI St Univ.
Fields: 038, 026, 031, 021.
Prev Emp: Asst Prof, Econ Dept, SD St Uni 1973-76; Instr, Dept of Agr & Food Econ Univ of MA 1969-72; Grad Asst, Dept of Res Devl, E. Lansing MI 1965-69.
Pub: Nonresident Landownership, MI St Uni 1967; Impacts of Water Planning Control Policies, Dissertation, MI St Univ 1974 Impacts of Missouri River Reservoirs, SD St Univ 1975.
Lang: Sp 3-0-0.

VERWEST, Donald E., PO Box 469, Flint MI 48501; PH 313-232-9193.
Economist, McDonald Coop Dairy Co (52) 11 05, 15.
b. 1918; M-2.

BS 1942 MI St Univ; MS 1946 Cornell Univ.
Fields: 014, 015, 093, 102.
Prev Emp: Economist, McDonald Coop, Flint MI 1946 to date.
Lang: Ger 3-0-3.

VEST, Marshall J., Route # 3, Box 38, Kearney NE 68847.

VESTERBY, Marlow, 319 Ext Hall, Oregon St Univ, Corvallis OR 97330; PH 503-752-4211.
Agr Economist, ERS (16) 15, 19, 18,
b. 1937; M-2.
BS 1961 MT St Univ; MS 1966 MT St Univ.
Fields: 021, 075, 026, 035.
Pub: Economic Effects of Potential Irrigation Devl, ERS, Corvallis OR 1974; Oregon Coastal Economic Study: Agr & Food Proc, ERS-Corvallis OR 1973.
Mbr: WAEA; IAAE; ACLD.

VEZYROGLOU, Ioannis, 26 Connenon Street, Thessalonika, Greece; PH 031-23-6410.
Tech Mgr, MacDonian Cotton Ginning Co SA (75) 16, 21, 23.
b. 1943 Greece; Citz; Greece; M.
BA 1966 Univ of Tehssalonika; Dipl in Agr Econ 1967 Univ of Oxford, England; BA School of Ind Studies of Thessalonika.
Fields: 014, 010, 095, 156.
Lang: Greek; Other: Eng 1-1-1, Ger 2-3-2.

VIA-URQUIDI, Jaime D., Av Oguendo 5972, Cochabamba, Bolivia.

VIETH, Gary R., Dept of Agr & Res Econ, Bilger Hall, Univ of Hawaii, Honolulu HI 96822; PH 808-948-7279.
Asst Professor, Univ of HI (03) 07, 08.
b. 1945 USA; U.
BS 1967 Univ of NE; MS 1969 Univ of NE; PhD OR St Univ.
Fields: 020, 011, 085, 081.
Pub: Applicability of Selected Parameters of an I/O Model to Other Regions, OR St Univ 1975; Kauai Socioeconomic Profile, HAES, Dept Paper No. 35, 1975.
Mbr: WAEA.
Hon: Gamma Sigma Delta; Alpha Zeta.

VILAIVAN, Nudkasem, 515/3 Charnasanitvongse Road, Bangkok Noi Thonburi, Thailand.

VILES, George L., 2506 Noble Avenue, Bakersfield CA 93306.

VILLA-ISSA, Manuel R., Centro de Econ Agr Ia Olegio de Postgraduados, Chapingo Mexico; PH 905-585-4555.
Sub-Dir, Centre de Econ Agr Del CP (03) 07, 08, 02.
b. 1943; M-1.
BS 1968, MS 1971 Univ of Chapingo; PhD Purdue Univ.
Fields: 073, 077, 041.
Pub: Manejo de Rec Hidaul, Agro 1972; L.P. En IBM 1620, CEA 1970.
Lang: Spanish; Other: Eng 1-1-1.
Mbr: IEA; ANDI; Col de Ing Agr.

VINAS, Victor R., PO Box 5462, Raleigh NC 27607.
Grad Student, NC St Univ (03) 23.
b. 1951; Citz: Dominican Rep; U.
BS 1973 TX A&M Univ; MS 1976 NC St Univ.
Fields: 012, 014, 072, 074.
Prev Emp: Head, Div Inst Estb Precios, Sto Dgo (Dominican Rep) 1973-74; Asst Dept Head (Planigication Dept) Agr Mins, Sto Dgo (Dominican Rep) 1973.
Lang: Spanish; Other: Eng 1-1-2, Fr 2-2-2, Por 2-2-2.
Mbr: SAEA.
Hon: Scholarships (1) Good Neighbor, Dept Educ, Texas) (2) AID (3) Dom Govt (Pidagro - IADB).

VINCENT, Warren H., Dept of Agr Economics, MI St Univ, East Lansing MI 48824; PH 517-353-4517.
Professor, MI St Univ (03) 23, 07, 08.
b. 1922; M-6.
BS 1947, MS 1949 MI St Univ; PhD 1953 IA St Univ.
Fields: 012, 011, 073, 083.
Prev Emp: Prof, MI St Univ 1960 to date; Assoc Prof, MI St Univ 1954-60; Asst Prof, MI St Univ 1949-54.
Lang: Fr 3-3-3, Thai 3-3-3.
Mbr: AEA.
Hon: Am Men & Women of Science.

VLASIN, Raymond D., 323 Natural Res Bldg, Michigan St Univ, East Lansing MI 48824; PH 517-355-3421.
Chrmn & Professor, Dept of Res Devl, MI St Univ (03) 02, 09, 07.
b. 1931; M-5.
BS 1953, MA 1957 Univ of NE; PhD 1963 Univ of WI.
Fields: 020, 030, 031, 070.
Prev Emp: Asst Chancellor for Res & Ext, Univ of WI, Green Bay 1967-71; Asst Chancellor for Ext Univ Ext 1967-71; Prof & Prog Ldr, Comm Devl, Univ of MN, St Paul, 1965-67.
Pub: Conservation, Use and Retention of Agricultural Lands for All-Out Food Production, Am Soc of Agronomy (ASA 23) 1975; Planning for Environmental Indices, Natl Acad of Sci, Feb 1975; Planning & Implementing Rural Devl, Jour of Soil & Water Conservation, Feb 1974.
Lang: Sp 2-2-2, Fr 2-2-2.
Mbr: CDS, Pres 1972-73, Board Mem 1969-73; SCS Ed Board 1974 to date; WAEA.
Hon: Who's Who in Am; Am Men & Women of Sci; Outstanding Young Men of Am; USDA Superior Performance Award; NE Nomination for Outstanding Young Men of Am; Nomination to Who's Who in Southeast, West & Midwest.

VOELKEL, Ray F., USDA-ASCS, Rm 234 W., Washington DC 20250; PH 202-447-6375.
Agr Econ, USDA-ASCS (23) 18, 15, 19.
b. 1931; M-4.
BS 1954 Sam Houston St Univ; MS 1958 Univ of MD.
Fields: 017, 018, 014.
Prev Emp: Budget Analyst OMB, Exec of the President, Washington DC 1971-73; Agr Econ, ASCS-USDA, Washington DC 1961-71.
Pub: Marketing Maryland Sweet Potatoes, Univ of MD 1958.

VOELKER, Stanley W., Dept of Agr Econ, North Dakota St Univ, Fargo ND 58102; PH 701-237-7577.
Agr Econ, EDD-ERS-USDA (16) 07.
b. 1910; M-3.
BS 1934, MS 1936 MT St Univ.
Fields: 032, 039, 026, 027.
Prev Emp: Agr Econ, ERS & Predecessor, Fargo ND 1950 to date; Agr Econ, USDA, Ft Collins CO 1946-49; Agr Econ, USDA, Lincoln NE 1938-46.
Pub: Mineral Rights Management, Coop Ext Serv, Fargo ND 1974; North Dakota: Human Resources, ND Agr Exp Sta 1968; Land Use Ordinances of SD Districts, CO Agr Exp Sta, Ft Collins CO 1952.
Mbr: WAEA.

VOGEL, Frederic A., Rm 4825 Sample Survey, Research Branch Road, SRS-USDA, Washington DC 20250; PH 203-447-2129.
Head, Sampling Studies Section, Research Div, SRS-USDA (22) 07.
b. 1942; M-2.
BS 1964 CO St Univ; MS 1971 IA St Univ.
Fields: 080, 082.
Prev Emp: Math Stat SRS-USDA, Washington DC 1969-73; Survey Stat, SRS-USDA, CA 1964.
Pub: Surveys With Overlapping Frames, Problems in Application, Proceedings Social Stat Section, ASA 1975; An Application of a Two Stage Multiple Frame Survey, Proceedings, Bus &Econ, ASA 1973.
Mbr: Intl Assoc of Survey Stats; ASA; WA Stat Soc.

VOIGT, Alvi O., 1 Weaver Bldg, PA St Univ, University Park PA 16802; PH 814-865-2561.
Professor, PA St Univ (03) 09, 10, 11.
b. 1928; M-3.
Fields: 014, 093, 095, 018.
Prev Emp: Lt, US Navy, East Coast 1948-53.
Pub: Retail Florists Business Analysis, PA St Univ 1963; Marketing of Ornamental Nursery Stock, Hort Res Inst 1965.
Lang: Sp 3-3-3.
Mbr: SAF; AMA; BPI, President.
Hon: Am Men & Women of Sci; Who's Who Among Authors & Journalists; Soc of Am Florist Found for Hort Educ, Res Award.

VOLKIN, David, USDA, Washington DC 20250 PH 202-447-8808.
Agr Econ, Farmer Cooperative Service (19 22, 07.
b. 1916; M-1.
BS 1938 WV Univ; MS 1952 Cornell Univ.
Fields: 093, 094.
Prev Emp: Bus Anal, St Paul 1952-57; Mgr, Cooperatives, WV 1941-51.
Mbr: Natl Soc Accountants for Coops.
Hon: Superior Service, USDA 1972.

VOLLMAR, Glen, 217 H C Filley Hall, Lincoln NE 68583; PH 402-472-3401.
Professor & Dept Chrmn, Univ of NE (03) 02, 07, 08.
b. 1930; M-7.
BS 1954, MS 1959, PhD 1963 OH St Univ.
Fields: 017, 012.
Prev Emp: Econ, ERS-USDA, Washington DC 1962-64; Ext Spec, OH St Univ, Columbu 1959-62; County Agent, OH St Univ 1954 57.
Pub: Farm Machinery Economic Analysis, Dissertation OH St Univ 1963.
Mbr: WAEA.
Hon: GSD; Am Men & Women of Science.

VOLLMERS, A.C. Dept of Agr Economics, Ag Hall, MI St Univ, East Lansing MI 4882
Grad Res Asst, MI St Univ (03) 23, 07.
b. 1945; M-2.
BS 1968, MS 1970 ND St Univ.
Fields: 019, 014, 017, 037.
Prev Emp: Asst Prof, Transportation Ins Niagara UNFV, NY 1973-74; Corporate Transportation Staff, George A Hormel Co, Austin MN 1969-73; Res Asst, Upper Great Plains Transportation Inst, NDSU, Fargo ND 1968-69.
Pub: Use of the Grain Trans Privilege in the Upper Great Plains Region, ND St Univ 1970.
Mbr: AEA.

VOLLRATH, Thomas L., Dept of Agr Econ, PO Box 1071, Knoxville TN 37901; PH 615-974-7231.
Grad Student, Univ of TN (03) 23, 07.
b. 1944; U.
BA 1967 Univ of the So; MS 1973, PhD 197 Univ of TN.
Fields: 073, 016, 013, 081.
Prev Emp: Res Assoc, So Univ Baton Rouge LA 1974-75; Volunteer, Peace Corps, Upper Volta 1967-70.
Pub: An Econocological Analysis of Small Farm Modernization: Adjustments to Mechanization in Upper Volta, Univ of TN 1973.
Lang: Fr 2-2-1.
Mbr: SID.
Hon: Gamma Sigma Delta.

VOLMAR, Gustavo S., Dept of Economics, Univ Nacional Pedro Henriquez, Urena Campus II, Santo Domingo; PH 565-6651.

Prof of Econ, Univ Nacional Pedro Henriquez Urena (03) 08, 17, 15.
b. 1943; Citz: Dominican Rep; M-1.
Licenciado in Econ 1967, Univ Autonoma de Santo Domingo; MA 1971, PhD 1971 Colombia Univ.
Fields: 115, 073, 081, 062.
Prev Emp: Tech Vice-Mgr, Natl Home Loan Bank, Santo Domingo 1974- to date; Econ Adv, Mins of Finance, Santo Domingo 1973-74; Econ Adv, Central Bank, Santo Domingo 1965-67.
Pub: Economics, Savings and Cement, Listin Diario 1973; The Financing of Housing and the Capital Market in the Dominican Republic, Banco Central Spec Pub 1975; International & Monetary Aspects of the Dominican Inflation, Ciencia y Sociedad 1975.
Lang: Spanish; Other: Eng 1-1-1.
Mbr: AEA; RES; ES.
Hon: Magna Cum Laude Degree of Licenciado in Econ.

VONDRUSKA, John, Econ & Mktg, Res Div, F-24 Natl Marine, Fisheries Srv, US Dept of Comm, Washington DC 20235; PH 202-634-7353.
Industry Econ (11) 27, 06, 07.
b. 1935; M-3.
BS 1960 Univ of CA, Davis; MS 1962, PhD 1971 MI St Univ.
Fields: 024, 021, 033, 111.
Prev Emp: Asst Prof, WI St Univ, Platteville 1965-66; Grad Res Asst, MI St Univ, 1960-65.
Pub: Estimating Small Watershed Project Benefits: A Computer Systemization of SCS Procedures, MI St Univ Dept of Agr Econ Rpt #120, 1969; Future Investment in U.S. Fish Harvesting & Processing.. A Discussion of Possible Alternative Requirements Through 1985, U.S. Dept Comm, Natl Marine Fish Serv Econ & Mkt Res Div 1975.
Hon: Phi Kappa Phi.

VON LANKEN, George, 317 Hillaire Drive, Hopkinsville KY 42240.

VON OPPEN, Matthias K., Inst Semiarid Tropics, ICRISAT, Begumpet, Hyderabad India.
Economist, Intl Crops Res (67) 07.
b. 1939; Citz: Germany; M-2.
Dip Landwirt 1963; Dr Agr 1967 Tech Univ Berlin, Germany; MS 1969, PhD 1972 Univ of IL, Urbana.
Fields: 014, 073, 035, 065.
Prev Emp: Agr Econ, Agrar Una Hydrotechnik Cons Firm, Essen, Germany 1972-74.
Pub: Contract Farming, Dissertation, Germany 1968; Location of Grain Elevators, Urbana IL 1969; Soybean Processing in India, Urbana IL 1972.
Lang: German; Other: Eng 1-1-1, Fr 1-1-1.

VONOPPENFELD, Horst, 1818 H Street NW, Washington DC 20433; PH 202-477-6931.
Sr Agr Econ, World Bank (66) 17, 18, 04.
b. 1913 Germany; M-2.
BS 1950, MS 1951, PhD 1953 Cornell Univ.
Fields: 118, 134.
Prev Emp: Asst & Assoc Prof, Cornell Univ, Los Banos College 1955-63; Instr, MI St Univ, East Lansing 1953-54.
Lang: German; Other: Eng 1-1-1, Fr 1-2-2.
Mbr: Soc for Intl Devl.
Hon: Legion of Honors, Officers Degree, Rep of the Philippines.

VOSE, David A., 420 Admn Bldg, Univ of Minnesota, Duluth MN 55812; PH 218-726-7104.
Vice Poovost Acad Admn, Univ of MN, Duluth (03) 02.
b. 1937; M-2.
BS 1958 Univ of IL; PhD 1963 Univ of WI.
Fields: 101, 102, 014, 015.
Prev Emp: Assoc Prof, Univ of MN, Duluth, 1969-70; Asst Prof, Univ of MN 1966-69; Instr, Univ of WI, Madison 1965-66.
Pub: Organization & Competition in the Midwest Dairy Industries, IA St Press 1970.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: AEA; AA of HE; AA of UP.

VOSS, Leonard, Dept of Agr Econ, 200 Mumford Hall, Columbia MO 65201; PH 314-882-7358.
Professor, Univ of MO (03) 07, 09.
b. 1911; M-5.
BS 1934, MS 1952, PhD 1962 Univ of MO.
Fields: 014, 051, 015.
Prev Emp: Asst Prof, Ext, Univ of MO 1955-57; Broiler Producer, Self Employed, Columbia MO 1949-55; Exec Sec, MO Poultry Council, Columbia MO 1946-49.
Pub: Readings on Egg Pricing, Univ of MO 1971; Pricing Systems for Eggs, ERS-USDA, Washington DC 1969; Restaurants & Institutions, 10th Int Congress of Nutrition Proceedings, Kyoto, Japan 1975.
Lang: Ger 3-3-1.
Hon: Gamma Sigma Delta, Sigma Epsilon Phi; Alpha Zeta. Mbr: Poultry Sci Assoc.

VUONG, LeTien, 466 Truong Minh Ging, Saigon, Vietnam.

VUTZ, Gert, P O Box 217, Hesston KS 67062.

WAANANEN, Martin V., Agr Phase II #423, Washington St Univ, Pullman WA 99163; PH 509-335-4516.
Asst Director, Res Inst, WA St Univ (03) 08, 02.
b. 1926 Michigan; M-2.
BS 1950 MI St Univ; MS 1952, PhD 1958 Univ of IL.
Fields: 014.
Lang: Fin 2-2-2.
Mbr: WAEA; IAAE; NACTA.
Hon: Who's Who in the West; Fulbright Res Award 1962.

WADE, James C., Dept of Agr Econ, Univ of AZ, Tucson AZ 85721; PH 602-884-2581.
Asst Professor, Univ of AZ (03) 07, 08.
b. 1945 Texas; M-2.
BA 1967 Abilene Christian Univ; MA 1970 Univ of TX; PhD 1975 IA St Univ.
Feilds: 026, 084, 083, 017.
Prev Emp: Staff Econ, CARD, IA St U. 1973-75; Sys Anal, TX Water Devl Bd 1971-72.
Lang: German 3-0-0.
Mbr: Gamma Sigma Delta.

WADE, William W., 225 Bust Street, San Francisco CA 94104; PH 415-894-0617.
Economist, Standard of CA (51) 10, 17, 15.
b. 1941 Tennessee; M-2.
BS 1963 Spring Hill College; MS 1971, PhD 1973 Univ of MN.
Fields: 027, 062.
Prev Emp: Res Asst, Univ of MN 1969-73.
Pub: Factor Prices and Technical Change in Agricultural Development, Induced Innovation & Development, A Micro Approach 1976; Institutional Determinant of Technical Innovation & Productivity Growth, Thesis 1973.
Mbr: AEA; NABE.

WAELTI, John J., Agr & Applied Econ, 231D COB, Univ of Minnesota, St Paul MN 55108; PH 612-373-1604.
Assoc Professor, Univ of MN (03) 08, 07, 02.
b. 1936 Wisconsin; D-2.
BS 1962 Univ of WI; MS 1964 Univ of AZ; PhD 1967 Univ of CA.
Fields: 021, 026, 038.
Prev Emp: Legislative Intern, CA Legislative, Sacramento CA 1966-67; Res Asst, Univ of CA, Berkeley CA 1963-66; Res Asst, Univ of AZ, Tucson 1962-63.
Mbr: AAAS.

WAGNER, Melvin M., 305 Mumford Hall, Dept of Agr Econ, Univ of Illinois, Urbana IL 61801; PH 217-333-6582.
Assoc Professor, Univ of IL (03) 07, 08.
b. 1932 Illinois; M.
BS 1954, MS 1961 Univ of IL; 1958-59 NC St Univ; PhD 1966 Univ of CA.
Fields: 070, 050, 110, 047.
Prev Emp: Vstg Prof, Agr Devl Council, Inc, Bangkok, Thailand 1963-68; Agr Econ, USDA, Berkeley CA 1962-63; Res Assoc, Univ of IL, Univ of NC, Univ of CA 1957-62.
Pub: The Thai Population: Implications for Agricultural Labor, Bangkok, Thailand 1969; The Demand for Food; A Nutrition Approach, Bangkok, Thailand 1969; The Demand for Fertilizer in Thailand, Bangkok 1970.
Lang: Thai 0-0-3.
Mbr: AEA; SID; IAAE.

WAGNER, Richard C., Dept of Agriculture, Royal Bank of Canada, Box 1147, Halifax Nova Scotia, Canada B0J 2L0; PH 902-424-8235.
Mgr Agr Serv, Royal Bank of Canada (51) 17, 20, 19.
b. 1940 Canada; Citz: Canada; M-2.
BSA 1963 Univ of Toronto; MS 1966 Univ of Guelph; 1966-71 Univ of MN.
Fields: 013, 096, 012, 132.
Prev Emp: Head, Farm Econ, Ridgetown College of Agr Tech, Ontario 1974-75.
Mbr: AEA; CAES; IAEA.

WAHAB, Ratna D., Bappenas Bureau of Agr, Thaman Surapati 2, Jakarta, Indonesia; PH 48524.
Agr Plng Staff, Natl Devl Plng Agency (78) 18, 06.
b. 1943 Indonesia; Citz: Indonesia; U.
MS 1967 Bogor Agr Univ, Indonesia; MS 1973 Univ of WI.
Fields: 077, 014, 018, 019.
Lang: Indonesian; Other: Eng 1-1-1.

WAJANAVAREERATANA, Weeranooth, Agr Econ Div, Ministry of Agr, Bangkok 2 Thailand.

WALCH, Herbert N., PO Box 1071, Ext Agr Econ, Knoxville TN 37901; PH 615-974-7271.
Assoc Professor, Univ of TN (03) 09, 08.
b. 1920 Minnesota; M-1.
BS 1963, MS 1965, PhD 1968 Univ of MN.
Fields: 012, 011, 022.
Pub: Farm Planning Manual, Univ of TN 1976; Payoff in the Rapid Adjustment Program, Univ of TN 1970; The Place of Beef Cowhands on Southern Minnesota Farms, Univ of MN 1969.
Mbr: IAAE; SAEA; TAAA.
Hon: Am Men & Women of Science; Alpha Zeta; Gamma Sigma Delta; ATA.

WALDO, Arley D., 317 Classroom Office Bldg, Univ of Minnesota, St Paul MN 55108; PH 612-376-3800.
Professor, Univ of MN (03) 09, 08, 07.
b. 1934 Nebraska; M-2.
BS 1957 Univ of NE; MS 1960, PhD 1963 MI St Univ.

Fields: 039, 032, 137, 044.
Prev Emp: Asst Prof, Univ of CT, Storrs, 1962-64; Res Asst-Assoc, MI St Univ, East Lansing 1957-62.
Mbr: AEA; Natl Tax Assoc.

WALDRON, Raymond W., Agr & Resource Econ, OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Res Asst, OR St Univ (03) 23, 07, 14.
b. 1948 California; M-1.
2 years St John Fisher College; BA 1969 Brockport St Univ; MS 1976 OR St Univ.
Fields: 118, 076, 065, 035.
Prev Emp: Proj Coor, USAID/Rural Devl, Tegucigalpa, Honduras 1972-73; Proj Asst, USAID/Inst Devl, Tegucigalpa, Honduras 1971-72; Proj Mgr, Peace Corps/Comm Devl, Honduras 1969-71.
Lang: Sp 1-1-1; Por 2-0-0.
Mbr: WAEA.

WALDROP, John E., Dept of Agr Econ, PO Box 5187, Mississippi State MS 39762; PH 601-325-2750.
Econ, MS Agr & For Exp Sta, MS St Univ (03) 07, 08.
b. 1932 Mississippi; M-2.
BS 1954, MS 1961 MS St Univ; PhD 1964 OK St Univ.
Fields: 011, 023, 033.
Prev Emp: Assoc Prof, MS St Univ 1967-72; Asst Prof, LA St Univ, Baton Rouge 1964-67; Grad Res Asst, OK St Univ 1961-64.
Pub: Effect of Upstream Watershed Development, OK St Univ 1966; Application of Quantitative Analysis to Timber Prod Scheduling Problem, MAFES Bull 1971; The Market: An Effective, Efficient Allocator of Land Res, SLERC Proceeding 1975.
Lang: Sp 3-0-0.
Mbr: SAEA; MAEA.

WALKER, Francis E., 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-6731.
Professor, OH St Univ (03) 08, 07.
b. 1931 Illinois; M-3.
BS 1954, MS 1958, PhD 1960 Univ of IL.
Fields: 081, 112, 084, 016.
Prev Emp: Asst Prof, Purdue Univ, Lafayette IN 1960-61.
Mbr: ASA.
Hon: Who's Who in America; Am Men & Women of Science.

WALKER, John H., 901 N Washington Street, Alexandria VA 22314; PH 703-836-8700.
Exec V Pres, Soc of Am Florists (53) 04.
b. 1913 Pennsylvania; M-2.
BS 1934 Slippery Rock St College; 1934-37 Univ of Pittsburgh Grad School; 1937 Public Serv Inst, Harrisburgh PA.
Prev Emp: Asst to Dir, U.S. Secret Serv, Washington DC; Exec Asst to Sec, Natl Geographic Soc, Washington DC; Exec Asst to Sec, Natl Geographis Soc, Washington DC; Dep Supr, PA St Training School, Morganza PA.
Mbr: AHS, Past Pres; ASHS; Am Soc of Assoc Exec.
Hon: Who's Who in America.

WALKER, Lewis D., 2120 L Street NW, Washington DC 20037; PH 202-254-6442.
Dep Asst Dir, U.S. Water Res Council (36) 18, 19.
b. 1938 Oregon; M-2.
BS 1960, MS 1963 Univ of ID.
Fields: 021, 026, 033, 069.
Prev Emp: Econ, Bureau of Reclamation, Washington DC 1963-74.
Pub: Impact of P.L. 480 Program on Pacific Northwest Wheat Market, Univ of ID 1963.
Lang: Thai 0-0-1, Fr 3-0-0.
Mbr: ICID.

WALKER, Melvin E. Jr., Div of Agr, Ft Valley St College, PO Box 1251, Ft Valley GA 31030; PH 912-825-6262.
Asst Prof of Agr Econ, Fort Valley St College (03) 07, 08.
b. 1946 Mississippi; M-2.
BS 1969 Alcorn A&M Univ; MS 1971, PhD 1974 Univ of IL.
Fields: 011, 012, 026, 043.
Prev Emp: Grad Res Asst, Univ of IL, 1969-73; Res Asst, Alcorn A&M Univ, Lorman MS 1968-69.
Mbr: SAEA; AAUP; AEA.
Hon: Who's Who Among Students in Am Colleges & Universities; Gamma Sigma Delta; Graduated Cum Laude.

WALKER, Odell L., Dept of Agr Economics, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Professor, OK St Univ (03) 07, 08.
b. 1930 Oklahoma; M-4.
BS 1952, MS 1957 OK St Univ; PhD 1959 IA St Univ.
Fields: 012, 011, 013.
Prev Emp: Asst Prof-Prof, OK St Univ, Stillwater OK 1959 to date.
Mbr: WAEA.
Hon: Phi Kappa Phi.

WALKER, Olen N., Agr Econ Dept, Univ of New England, Armidale NSW Australia 2351; PH 067-72-2911.
Res Fellow, Univ of New England (03) 07, 19, 08.
b. 1941 Texas; M-2.
BS 1966, MS 1969 TX Tech Univ; PhD 1974 OK St Univ.
Fields: 017, 010, 060, 070.
Prev Emp: Grad Asst, OK St Univ, Stillwater OK 1969-73; Instr, TX Tech Univ, Lubbock TX 1968-69; Farmer, Self-Employed, Littlefield TX 1962-66.

Pub: Impact of Public Maintenance Programs on Inv & Growth, AJAE 1975; Development of Agr Programs Middle of Australian Agriculture, Jour Agr Econ, UK 1976; Impact of Irr Agr to the Texas High Plains, WRC TX Tech Univ 1972.
Mbr: Australian Agr Econ Assoc.

WALKUP, Harold G., F224 NFDC, TVA, Muscle Shoals AL 35660; PH 205-383-4631.
Supr of Sect, TN Valley Authority, (35) 06, 07.
b. 1917 Nebraska; M-2.
BS 1942 Univ of NE; MA 1947 WA St Univ.
Fields: 014.
Prev Emp: Jr Agr Econ, WA St Univ, Pullman WA 1947-54; Agr Econ, TVA, Muscle Shoals AL, 1955 to date.
Hon: Natl Fertilizer Solutions Assoc Hon Mbr.

WALLACE, Luther T., 1220 N Street, Sacramento CA 95814; PH 916-445-7126.
Dir CA Food & Agr, State of California (40) 06.
b. 1928 USA; M-3.
BA 1949 Harvard Univ; MS 1955 OR St Univ; PhD 1961 Purdue Univ.
Fields: 017, 022, 033, 038
Lang: Ger 2-0-3.
Hon: Dir of Am Scholars; Am Men & Women of Science.

WALLIS, Charles W., 1805 Inverness Blvd, Austin TX 78745.

WALLRABENSTEIN, Paul P., 3359 Keahi St, Honolulu HI 96822.
(76)
b. 1909 Ohio; M-3.
BS 1931, PhD 1941 OH St Univ.
Fields: 141.
Prev Emp: Stat-in-Chrg, SRS-USDA, HI, 1955-75.
Mbr: ASA.
Hon: Who's Who in the West.

WALSH, Richard G., Dept of Economics, CO St Univ, Ft Collins CO 80523; PH 303-491-6959.
Professor, CO St Univ (03) 08, 07, 09.
b. 1930 Nebraska; M-4.
BS 1952, MA 1955 Univ of NE; PhD 1961 Univ of WI.
Fields: 025, 021, 014, 102.
Prev Emp: Cons, Natl Park Serv, Denver CO 1975-76; Interagency Exchange Scholar, Env Protection Agency, Washington DC 1973-74.
Pub: Market Structure of the Agricultural Industries, IA St Univ Press 1966; Some Benefits and Costs of Strip Mining Western Coal, Great Plain Agr Council, April 1974; Economic Implications of Second Home Developments in CO, Symposium, Forest Serv Sept 1975.
Lang: Sp 2-0-3.
Mbr: AEA.
Hon: Am Men & Women of Science; Outstanding Published Res Award, AAEA 1964.

WALTER, Alan S., USDA-ERS-CED, Room 206, 500 12th Street SW, Washington DC 20024; PH 202-447-7340.
Agr Econ, USDA-ERS-CED, (16) 07.
b. 1945 Illinois; M-2.
BS 1967 Univ of IL; MS 1969 Cornell Univ; PhD 1974 WA St Univ.
Fields: 017, 011, 016, 038.
Prev Emp: Res Asst, WA St Univ, Pullman 1971-74; US Army 1969-71; Res Asst, Cornell Univ, Ithaca NY 1967-69.
Hon: Alpha Zeta; Phi Kappa Phi.

WALTER, Bruce J., Intl Plaza, Englewood Cliffs NJ 07632; PH 201-894-2880.
Corp Staff Econ, CPC International Inc (51) 15, 07, 19.
b. 1941 New Jersey; D-1.
BS 1963 Rutgers Univ; PhD 1975 Univ of CA, Berkeley.
Fields: 014, 010, 060, 081.
Prev Emp: Agr Econ, USDA-ASCS-OA-PE&A, Washington DC 1974-75; Agr Econ, USDA-ERS-CED-EVOS, Washington DC 1970-74; Cpt/Budget Anal, US Army, ODCSPER, Pentagon, 1968-70.
Pub: Sweetner Economics, Symposium, Sweet ners, AVI Pub Co 1974; The 1974 Sugar Price Increases, Rpt of the President's CWPS 1974.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: IAAE; AEA; N. Am Soc for Corp Plng.
Hon: USDA Cert of Merit 1974; US Army Cert of Achievement 1970.

WALTERS, Forrest E., Economics Dept, CO St Univ, Ft Collins CO 80523; PH 303-491-5245.
Professor, CO St Univ (03) 07, 08, 02.
b. 1936 Oklahoma; M-2.
BS 1958 OK St Univ; MS 1960, PhD 1963 Univ of IL.
Fields: 016, 017, 018, 015.
Prev Emp: Head, Agr Prod Group, W.B. Grace & Co, New York 1969; Head, Long-Run Proj Sect, ERS, USDA, Washington DC 1964.
Pub: Structure of the U.S. Food Industry, Exp Sta, CO St Univ 1976; Colorado Rural Development, Exp Sta CO St Univ 1974; Impact of Changing Structures of the Food Industries on Food Supply and Price, AJAE 1975.
Lang: Sp 3-0-3.
Mbr: WAEA; CAES.
Hon: Phi Kappa Phi; Alpha Zeta; Who's Who in Colorado; Hackett Fellowship.

WALTHER, Wilbert H., PO Box 70, Austin TX 78767; PH 512-397-5581.
St Statistician, USDA (22) 06.
b. 1928 Texas; M-3.

Agr Adm 1953, Agr Econ 1954 TX A&M Univ.
Fields: 011, 014, 018, 015.
Prev Emp: Chf, Lutsk, Dairy & Poultry, USDA-SRS, Washington DC 1973-75; Dept Chf, USDA-SRS, Washington DC 1971-73; Head Lutsk Sect, USDA-SRS, Washington DC 1968-71.
Pub: Hogs and Pigs...Survey Basis & Estimates, USDA, Washington DC 1974; Use of Farm Machinery, USDA, Washington DC 1967; Planting and Harvesting Dates... Major Crops, KS Dept of Agr, Topeka KS 1962.
Lang: Sp 3-3-3.
Mbr: IASS.
Hon: Cert of Merit-USDA-SRS 1964; Cert of Merit-USDA-SRS 1975.

WAPLES, Eliot O., CO St Univ, Dept of Finance, Real Estate, College of Business, CO St Univ, Ft Collins CO 80523; PH 303-491-5062.
Assoc Prof & Chairman, CO St Univ (03) 02, 08, 07.
b. 1916 Iowa; M-3.
BA 1938 Univ of IA; PhD 1946 Univ of WI.
Fields: 038, 022, 013, 117.
Prev Emp: V Pres & Sec, Midland Mortgage Co, Cedar Rapids IA 1947-67; Agr Econ, WI Agr Exp Sta, Madison WI 1945-47.
Pub: Keeping the Farm in the Family, WI Agr Exp Sta Res Bull 157, Sept 1945; How do you Cool the Dream: The Problem of Interstate Land Sales, Proceedings, Am Council of Consumer Interests, April 1972; Colorado Land Use Regulations, Real Estate Series 360-1, College of Business, CO St Univ, October 1972.
Lang: Ger 3-3-3, Fr 3-3-3.
Mbr: IAAE; FMA; Urban Land Inst.
Hon: AEA Directory.

WARD, Clement E., Room 550, 500 12th St, SW, Washington DC 20250; PH 202-447-8899.
Agr Econ, USDA-FCS (19) 07.
b. 1944 Iowa; M-1.
BS 1966 IA St Univ; MS 1971, PhD 1974 KS St Univ.
Fields: 014, 017, 073.
Prev Emp: Grad Res/Tchg Asst, KS St Univ, Manhattan 1973-74; Instr, Washburn Univ of Topeka, KS 1972-73.
Pub: An Analysis of Selected Vertical Coordination Alternatives in the Kansas Swine Industry, KS Agr Exp Sta 1975. A Decision Theoretic Approach to Slaughter Hog Marketing Contracts, PhD Dissertation, KS St Univ 1974.

WARD, Edward H., Dept of Agr Economics, Montana St Univ, Bozeman MT 59715; PH 406-994-3701.
Professor, MT St Univ (03) 08, 19, 07.
b. 1921 Wisconsin; M-3.
BS 1946, MS 1949, PhD 1954 Univ of WI.
Fields: 014, 073, 068, 081.
Prev Emp: Vstg Prof, Agr Devl Council, Bogor, Indonesia 1968-70; Vstg Prof, Univ of CA, Sao Paulo, Brazil 1962-64; Vstg Prof, Univ of WI, Jakarta, Indonesia 1957-59.
Lang: Indonesian 3-3-3, Por 3-3-3.
Mbr: WAEA; ICAE.

WARD, Lionel E., Box 4867 GPO, Melbourne, Victoria 3001 Australia; PH 03-67-6891.
Mgr Econ Dept, Australian Wool Corp (78) 07, 10, 15.
b. 1936 Australia; Citz: Australia; M-2.
BS 1956, BA 1961 Univ of West Australia; MS 1964, PhD 1969 Univ of CA, Davis.
Fields: 014, 018, 130, 110.
Prev Emp: Lecturer, Monash Univ, Melbourne 1969-71; Res Fellow, Monash Univ, Melbourne 1964-66; Self-Employed, Orchardist, W. Australia 1957-63.
Pub: Stochastic Approach to Replacement, MS Thesis, Univ of CA, Davis 1968; Economic Factors in Export Trade, Australian Wool Corporation 1972.
Mbr: Australian AEA, Pres 1973, Sec, Vic Br 1970-72; Econ Soc of Australia & New Zealand.

WARD, Ralph E., 834 Alderson Avenue, Billings MT 59102.

WARD, Ronald W., 1104 McCarty Hall, Univ of Florida, Gainesville FL 32611; PH 904-392-1874.
Assoc Professor, FL Dept of Citrus (03) 07, 08, 18.
b. 1943 Tennessee; M.
BS 1965 Univ of TN; MS 1967, PhD 1970 IA St Univ.
Fields: 081, 101, 016, 014.
Prev Emp: Res Econ FL Dept of Citrus, Gainesville 1970-75;Coop Agent, USDA, Ames IA 1968-70.
Lang: Sp 3-0-0, Fr 3-0-0.
Mbr: SAEA; AEA; ARF.
Hon: Who's Who in America; Am Men & Women of Science.

WARD, Steven O., 7028 North 76th Avenue #2, Glendale AZ 85303.

WARD, William A., 1818 H Street NW, Washington DC 20433; PH 202-477-4422.
Training Adv, World Bank (66) 22, 08.
b. 1942 South Carolina; M-1.
BA 1965, MS 1967 Clemson Univ; PhD 1972 MI St Univ.
Fields: 136, 077, 021.
Lang: Sp 2-2-2.

WARLEY, Thorald K., School of Agr Econ, Univ of Guelph, Guelph, Ontario, Canada N1G2W1; PH 519-824-4120.
Professor, Univ of Guelph (03) 08, 07.

b. 1930 UK; Citz: Canada; M-2.
BS 1955, MS 1956 Univ of Nottingham
Fields: 112, 017.
Prev Emp: Lectr & Reader, Univ of Nottingham, UK, 1956-69.
Pub: Western Trade in Agricultural Products, Oxford 1975.
Lang: Ger.
Mbr: IAAE; CAES, Councillor 1972-74; AES, (UK) Dir & Prog Sec.

WARNKEN, Philip F., 200 Mumford Hall, Univ of Missouri, Columbia MO 65201; PH 314-822-7340.
Professor, Univ of MO (03) 07, 08, 18.
b. 1937 Kansas; M-2.
BS 1960, MS 1962 KS St Univ; PhD 1966 MI St Univ.
Fields: 070, 010, 110, 100.
Prev Emp: Assoc Prof, Univ of MO, Columbia 1965-76; Res Assoc, MI St Univ, E. Lansing 1964-65.
Pub: Agricultural Development of Nicaragua, Columbia MO 1975; Modernization Sao Paulo, Brazil 1973; International Agricultural Opportunities, Columbia MO 1969.
Lang: Sp 1-1-1, Por 1-1-1.
Mbr: AEA; SAEA.
Hon: Gamma Sigma Delta; Phi Kappa Phi.

WARRACK, Allan A., 403 Legislative Bldg, Edmonton, Alberta, Canada; PH 403-427-3016.
Minister of Utilities & Telephones, Govt of Alberta (40) 06, 17, 10.
b. 1937 Canada; Citz: Canada; M-3.
BS 1961 Univ of Alberta; MS 1963, PhD 1967 IA St Univ.
Fields: 104, 035, 014, 023.
Prev Emp: Minister of Lands & Forest, Govt of Alberta 1971-75; Assoc Prof, Univ of Alberta, Edmonton 1967-71.
Mbr: AEA; WAEA; CAES, Book Review Editor.
Hon: Who's Who in America; Am Men & Women of Science; Who's Who in the West.

WARREN, John P., U.S. Embassy/DR, APO New York NY 09899; PH 682-2171.
Agr Econ, USAID, Santo Domingo (24) 18, 07, 19.
b. 1946 Texas; M-1.
BS 1969 OK St Univ; MS 1974 TX A&M Univ.
Fields: 031, 035, 021, 017.
Prev Emp: Res Assoc, TX Water Resources Inst, TX A&M 1973-74; Gen Mgr, Pavicola Los Andes, Colombia 1970-72.
Pub: Ext Costs Land Subsidence Houston-Baytown, AJAE 1975; Costs Land Subsidence...Groundwater Withdrawal, TX Water Resources Inst 1974; Eval. OBERS Project Texas Agr Prod, TX Agr Exp Sta 1973.
Lang: Sp 1-1-1.
Mbr: SAEA; IAAE.
Hon: Phi Eta Sigma.

WASSERMAN, Walter C., 248 Grant Avenue, Auburn NY 13021; PH 315-253-6261.
Milk Mktg Ext Spec, Cornell Univ (03) 09, 11, 20.
b. 1933 Germany; Citz: USA; M-2.
BS 1957, MS 1966 Cornell Univ.
Fields: 014, 016, 018, 019.
Prev Emp: Sr Ext Assoc, Cornell Univ, Ithaca 1970; Assoc Co Agent, Cayuga County Ext Serv, Auburn NY 1960-70; Asst County Agent, Jefferson County Ext Service, Watertown NY 1957-60.
Pub: An Analysis of Changing Structure of Milk Assembly, Cayuga County NY, Cornell Univ 1966.
Lang: Ger 2-0-1.
Mbr: ADSA; NYS Assoc of Milk, Food & Sanitarians.
Hon: Epsilon Sigma Phi, Chpt Pres 1975-76; NYS Agr Leader Dir; Natl Assoc of Agr Agents; Dist Serv Award 1974.

WATERMAN, Bruce, Route 1 Box 221, Delmar DE 19940.

WATERS, James R., 4905 - 5R Dana Drive, Raleigh NC 27606.

WATERSTREET, William N., St Ambrose College, Davenport IA 52803; PH 319-324-1681.
Asst Professor, St Ambrose College (03) 08, 50.
b. 1907 Wisconsin; M-5.
BS 1931 NW Univ; MS 1932, PhD 1975 Univ of WI.
Fields: 060, 014, 120, 130.
Prev Emp: V. President, Borden Inc, Mid-West 1939-70; Chf, Dairy Br, OPA, Washington DC 1941-45; Econ Anal, Fed Trade Commission, Washington DC 1934-3
Pub: Third Milk Industry 1939-71, Univ of WI 1975.
Mbr: Econ Club, Chicago.

WATKINS, Ann M., 1800 M Street NW, Washington DC 20036; PH 202-331-2285.
Assoc, ABA Correctional Econ Center (71) 07.
b. 1943 Nebraska; M 1.
BA 1965 NE Wesleyan Univ; MA 1967 Johns Hopkins SAIS; Diploma - MA 1970 Cambridge Univ, England.
Fields: 033, 042, 073, 114.
Prev Emp: Sr Scientist, Booz Allen & Hamilton, DC & Bethesda MD 1972-74; Res Asst, Brookings Inst, Washington DC 1970-72; Intl Econ, USDA, Washingto DC 1967-70.
Pub: Cost Analysis of Correctional Programs: Diversion, ABA CEC, Washington DC 1975; Grain Price Formulation & Gra Price Reporting, USDA, Washington DC 1970.
Lang: Ger 2-2-2, Ita 1-2-2.
Mbr: AEA; SID; PIEC.

WATKINS, Edgar P., 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-8013.
Asst Professor, OH St Univ (03) 09, 10.
b. 1918 Ohio; M-3.
BS 1940 OH St Univ; 1960-64 Kent St Univ.
Prev Emp: Instr, Mktg Agent, OH 1958-66; Mgr Coop, OH, 1952-58; Teacher, High School, OH 1940-52.
Pub: Customer Information, Jour of Retailing 1971; Store Image, Jour of Food Distribution Research 1971; Performance, Jour of Food Distribution Research 1972.
Mbr: FDRS, V. Pres Prog 1973, Dir 1973-76; OH Ext Prof Assoc, Pres 1972.

WATSON, Gary L., 130 E Washington, Indianapolis IN 46204; PH 317-631-8361.
Treas & Coun, IN Farm Bureau Inc (71) 04, 18, 07.
b. 1946 Indiana; M.
BS 1969, MS 1971 Purdue Univ; JD 1974 IN Univ.
Fields: 017, 014, 018, 104.
Prev Emp: Instr, IUPUI, Indianapolis 1972-74; Instr & Res Assoc, Purdue Univ, W Lafayette IN 1969-72.
Mbr: IN St Bar Assoc; Am Bar Assoc.

WATT, David L., Dept of Agr Economics, MI St Univ, E Lansing MI 48824; PH 517-353-6768.
Grad Asst, MI St Univ (03) 07.
b. 1947 Nebraska; M-2.
BA 1971 Graceland College; MS 1972 Univ of MO; PhD 1976 MI St Univ.
Fields: 069, 035, 010, 017.
Prev Emp: Grad Asst, Univ of MO, Columbia 1971-72.

WATTANUTCHARIYA, Sarun, B-11-W College View Apartment, College Station TX 77840; PH 713-846-9427.
Grad Student, TX A&M Univ (03) 23, 07.
b. 1944 Thailand; Citz: Thailand; M-1.
BS 1968, MS 1972 Kasetsart Univ, Thailand; ME 1975 NC St Univ.
Fields: 011, 012, 019, 016.
Prev Emp: Jr Lecturer, Kasetsart Univ, Bangkok, Thailand 1968.
Lang: Thai; Other: Eng 1-1-1.
Mbr: SEA.

WATTS, Myles J., 217 Filley Hall, Univ of Nebraska, Lincoln NE 68583; PH 402-472-3401.
Grad Asst, Univ of NE (03) 23, 08, 07.
b. 1950 Montana; M.
BS 1973, MS 1975 MT St Univ.
Fields: 011, 012, 062, 081.
Pub: Estimate Costs of Soil Bank Reclamation Alternatives, MT Exp Sta Bull. 1976.
Mbr: WAEA; ASAS.

WATZEK, John, PO Box 4867, Monroe LA 71201.

WAYT, William A., 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-2821.
Professor, OH St Univ (03) 08, 07.
b. 1921 West Virginia; M-2.
BS 1943 WV Univ; MS 1947, PhD 1956 OH St Univ.
Fields: 022, 026, 012, 073.
Prev Emp: Res Officer, CIC-AID-RDR, Kenya 1966-67; Assoc Prof, Haile Selassie Univ, Ethiopia 1961-63.
Pub: Aid, Agriculture and Africa, OH St Univ 1969; Agricultural Research in Uganda, OH St Univ 1971.
Lang: Rus 3-0-0.
Mbr: ICAE; AAAS.
Hon: Am Men & Women of Science; Intl Biography Dir.

WEAVER, Robert D., #301 Hiram Smith Hall, Dept of Agr Econ, Univ of Wisconsin, Madison WI 53705; PH 608-262-1242.
Res Asst, Univ of WI (03) 07, 23, 08.
b. 1949 USA; U.
BA 1971 Carleton College; MS (Agr Econ) 1974, MS (Econ) Univ of WI.
Fields: 016, 017, 062, 063.
Pub: Factors Influencing Manufacturing Employment, Univ of WI Res Bull 1976.
Lang: Fr 1-1-1, Ger 2-3-3.
Mbr: AEA.

WEBB, Alan J., OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Grad Asst, Dept of Agr Econ, OK St Univ (03) 23, 07.
b. 1947 South Dakota; M.
1966-68 Univ of AR; BA 1970 Am Univ; MA 1975 Univ of AR.
Fields: 073, 112, 022, 156.
Prev Emp: Instr-Econ, Univ of AR, Fayetteville 1974-75; Res Asst, Univ of AR 1973-74; Volunteer, Peace Corp, Brazil, 1970-72.
Lang: Por 1-2-2, Sp 2-3-3, Chinese 0-0-3.
Mbr: U-AR Chpt Sec Treas 1974-75, Omicron Delta Epsilon.

WEBER, Adolf, Kopenhagener Allee 4, 23 Kiel, West Germany.

WEBER, Bruce A., Dept of AGr & Resource Economics, 240 Ext Hall, OR St Univ, Corvallis OR 97331; PH 503-754-1821.
Asst Professor, OR St Univ (03) 09, 07.
b. 1943 Washington DC; M-2.
BA 1965 Seattle Univ; MS 1972, PhD 1973 Univ of WI.
Fields: 032, 039, 038.
Prev Emp: Res Asst-Assoc, Univ of WI, Madison 1967-74; Volunteer, Peace Corps, Chile 1965-67.
Lang: Sp 2-1-2.
Mbr: WAEA; OR Ext Assoc.

WEBER, Michael T., Rm 206, Intl Center, MI St Univ, East Lansing MI 48824; PH 517-353-8810.
Grad Asst, MI St Univ (03) 23, 22, 07.
b. 1944 Illinois; M-1.
BS 1969 So IL Univ; MS 1972, PhD 1976 MI St Univ.
Fields: 014, 015, 101, 073.
Prev Emp: Mktg Spec, MI St Univ, San Jose-Costa Rica 1972-74.
Pub: An Analysis of Food Market Projects in Rural America, MI St Univ 1976; Fomenting Improvements in Food Marketing Systems in Costa Rica, MI St Univ 1972.
Lang: Sp 3-3-3.
Mbr: SID.

WEBSTER, Anthony, USACC Comptroller, Systems & Econ Anal Div, Ft Huachuca AZ 85613; PH 602-538-6811.
Econ, USACC Comptroller S&EA Div (26) 19, 18, 15.
b. 1946 Florida; M-1.
BS 1964 FL A&M Univ; 1972 to date Univ of AZ.
Fields: 018, 011, 014,043.
Prev Emp: GS9 Contract Spec, US Army, AZ 1972-74; GS5, Agr Econ, USDA-CMS, Ft Lauderdale FL 1968.
Mbr: NEC; IAAE; Soc of Govt Econ.

WEBSTER, Fred C., 178 South Prospect Street, Burlington VT 05401; PH 802-656-3036.
Professor, Univ of VT (03) 09, 07, 08.
b. 1923 Vermont; M-6.
BS 1948, MS 1953 Univ of VT; PhD 1956 Cornell Univ.
Fields: 014, 018.
Prev Emp: Vstg Lecturer, Univ of New England, Australia 1973; Mktg Spec, USDA, Washington DC 1966-67; Asst Prof, Cornell Univ 1956.
Pub: Rationalizing Milk Market Orders in New England, JNAEC 1975; Collective Bargaining, VT Farm & Home Science 1968; Commercial Vegetable Growing in Vermont, VT Agr Exp Sta 1966.
Lang: Fr 3-3-0.
Mbr: NAEC.
Hon: Phi Beta Kappa, Pres. VT Chpt 1974 to date.

WEBSTER, Henry H., Michigan Dept of Nat Resources, Stevens T. Mason Bldg, Lansing MI 48926; PH 517-373-6346.
Chf Forestry Div, MI Dept of Nat Resources (40) 06, 18.
b. 1930 Michigan; M-1.
BS 1952 St Univ of NY; MS 1956, PhD 1960 Univ of MI.
Fields: 023, 038, 026, 077.
Prev Emp: Head, Dept of Forestry, IA St Univ, Ames 1967-75; Chr, Dept of Forestry, Univ of WI, Madison 1964-67; Forest Econ, US Forest Service, PA 1953-63.
Pub: Timber, Time and Money: An Opinion, Jour of Forestry 1975; Resource Mgmt & Forestry Education: Pressure, Pain and Constructive Change, Jour of Forestry 1975; Evaluating Systems of Silvicultural Management, Proceedings, Sixth World Forestry Congress 1966.
Mbr: SAF; ASPA; SCSA.

WEBSTER, J. Paul, Ashford, Kent, England TN25 5AH; PH 0233-812401.
Lecturer, Wye College, Univ of London (03 08, 07, 09.
b. 1942 England; Citz: UK; M-1.
BS 1964 Reading; PhD 1970 London.
Fields: 012, 093, 083, 042.
Prev Emp: Draper's Lectr, Univ of New England, Australia 1973; Lectr, Makerere Univ, Uganda 1970-71.
Pub: Utility Analysis and Focus Loss, AJAE 1974; Simulation Farm Planning, Monte Carlo Bull. 1969; Choice of Smallholder Farming Systems, Nairobi 1972.
Lang: Fr 3-3-3, Ger 3-3-3.
Mbr: AES (UK) Comm. 1975; Australia AES; East African Agr Econ Soc.

WEGENHOFT, Kenneth N. Knapp Hall, Univ Station, Baton Rouge LA 70803; PH 504-388-4141.
Asst Spec (Mgmt) LA Coop Ext Serv (03) 09.
b. 1944 Texas; U.
BS 1967 TX A&M Univ; MS 1970 MI St Univ; PhD 1975 OK St Univ.
Fields: 012, 011, 013, 014.
Prev Emp: Res Asst, OK St Univ, Stillwate 1970-74; Enumerator, MI St Univ, E. Lansing 1969; Res Asst, MI St Univ 1967-69.
Pub: Micro Effects of Alternative Income Tax Management Strategies on Northwest Oklahoma Farms, PhD Dissertation OK St Univ 1975; Economic Comparison of Major Farming Systems on Southern Michigan Cash Grain Farms, MS Thesis, MI St Univ 1970.
Mbr: SAEA; AEA.
Hon: Alpha Zeta.

WEHRLY, James S., Dept of Agriculture, W IL Univ, Macomb IL 61455; PH 309-298-1545.
Professor, Western IL Univ (03) 08.
b. 1923 Illinois; M-3.
BS 1949, MS 1951 Univ of IL; PhD 1962 Purdue Univ.
Fields: 013, 012, 011, 026.
Prev Emp: Assoc Prof, TX A&M Univ 1965-69; Res Econ, TX Agr Exp Sta, Bushland TX 1962-65; Co Agr Ext Agent, Lake Co IN 1953-59.
Pub: Substitution of Capital for Labor in Agriculture, Austin TX 1969; Econ Decisions..Irrigated Sorghum,,College Sta TX 1964; Debt Load Capacity of Farms, Purdue Univ 1962.
Mbr: IL-SFM&RA; WAEA; SAEA.

WEIDEMANN, Wesley, c/o Pat Harris, The Rockefeller Foundation, 111 West 50th Street, New York NY 10020.

WEIGLE, Richard N., 501 Ext Bldg, 432 N Lake Street, Madison WI 53706; PH 608-262-7965.
Asst St-Wide Prog Chairman, Agr/Agr-Bus, Univ of WI (03) 02, 09, 08.
b. 1922 USA; M-3.
BS 1947 OH St Univ; MS 1949, PhD 1967 Purdue Univ.
Fields: 011, 012, 013, 018.
Prev Emp: Prof, Univ of WI, Madison 1968-75; Assoc Prof, Purdue Univ 1959-68; Mgr, Fowler Grain Dealers Inc, Fowler IN 1954-58.
Pub: Tax Consideration in Buying & Selling a Farm, Univ of WI 1975; Income Tax Management for Farmers, Univ of WI 1975; Managing our Financial Future, Univ of WI 1973.
Lang: Ger 3-0-0.
Mbr: ASFM&RA; WI-SFM&RA; WI Agr-Bus Coun.
Hon: Superior Serv - USDA 1974; WCAA-Friend of Co Agents 1974; Sigma Xi; Gamma Sigma Delta.

WEINDLMAIER, Hannes, 7 Stuttgart 70 Postfach 106 Germany; PH 0711-4701-2560.
Dr OEC Wissenschaftl Asst, Univ of Hohenheim (03) 07, 08.
b. 1941 Austria; Citz: Austria; M-1.
Dipl Ing 1967 Univ of Vienna; MS 1970 Univ of IL; Dr OEC 1973 Univ of Hohenheim.
Fields: 016, 081, 014.
Prev Emp: Res Asst, Univ of IL, Champaign 1968-70.
Pub: Zur Anwendungnvon Gleicgewichts-modellon fur die Analyse von Agrarmarkton, Agrarwirtschaft 1973; A Quantitative Study on Optimal Marketing Strategies for Dessert Apples, ACTA Horticulture 1974.
Lang: German; Other: Eng 1-1-1, Fr 2-3-3.
Mbr: Deutsche Gesellsch f Wirtschafts und Sizial Wissenschaftten des Landbaues.

WEISENBORN, David E., U.S. Dept of State (AID) AFR/DS, Rm 3530A, Washington DC 20523; PH 202-632-9853.
Agr Econ, USDS-AID (24) 07, 18, 19.
b. 1940 Ohio; M-2.
BS 1963 OH St Univ; MS 1965, PhD 1968 Univ of FL.
Fields: 070, 014, 050, 031.
Prev Emp: Agr Econ, USDS-AID, W. Afr, Ivory Coast 1974-75, El Salvador 1971-73; Asst Prof, Univ of GA, Athens 1968-71.
Pub: Demand for Florida Orange Production, FL Agr Exp Sta 1970; El Salvador-Grain Marketing, USDA-AID 1973; Approach to a Strategy for Sahel Development, Intl Aid Paper 1974.
Lang: Sp 2-3-2, Fr 2-3-3.
Mbr: AEA; West African Agr Econ Assoc.
Hon: Phi Kappa Phi; Gamma Sigma Delta; Alpha Zeta.

WEISER, Andrew E., USDA-ERS-NEAD, Room 106, 500 12th Street SW, Washington DC 20250; PH 202-447-8489.
Agr Econ, USDA (16) 07.
b. 1949 New York; M-3.
BS 1972, MS 1974 Univ of MD.
Fields: 014, 016, 083.
Prev Emp: Grad Asst, Univ of MD, College Park 1972-74.
Lang: Hebrew 1-2-1.

WEISGERBER, Pat, CED-ERS-USDA, Washington DC 20250; PH 202-447-4998.
Agr Econ, USDA (16) 20, 19, 18.
b. 1923 Canada; Citz: USA; M-3.
BS 1950 Univ of Alberta; MS 1957 OR St Univ; PhD 1966 MI St Univ.
Fields: 011, 012, 017.
Prev Emp: Res Asst, MI St Univ 1959-62; Asst Prof, MT St Univ, Bozeman 1957-59; Res Asst, OR St Univ, Corvallis 1955-57.
Lang: Ger 2-2-2.

WEISS, Joseph S., CP 14-2324, 70000 Brasilia DF Brazil; PH 42-2296.
(75) 22, 18, 15.
b. 1941 New York; M.
Eng Agr 1964 Luiz de Queiroz Univ, Sao Paulo; MS 1966 Univ of FL; PhD 1971 Cornell Univ.
Fields: 014, 073, 015, 081.
Prev Emp: Mktg Econ, COBAL, Mins-Agr-USAID, Brazil 1972-75; Sr Econ, Louis Berge Inc, Africa & Peru 1970-72; Res Assoc, MI St Univ, Brazil 1966-67.
Pub: The Benefits of Broader Markets Due to Feeder Roads and Market News; NE Brazil, Cornell Univ 1971; Spectral Analysis of World Cocoa Prices, AJAE 1970; Market Processes in Northeast Brazil, MI St Univ 1969.
Lang: Por 1-1-1, Sp 1-1-1, Fr 1-2-2.
Mbr: AEA; Econometric; IAAE.

WEISZ, Reuben N., Rm 410 Agr Bldg, Univ of Arizona, Tucson AZ 85721; PH 602-884-3228.
Asst Professor, Univ of AZ (03) 07, 08.
b. 1945 Israel; Citz: USA; M-1.
BS 1967 Wharton School of Bus, Univ of PA; 1967-69 NY Univ Grad Sch of Bus; PhD 1973 Univ of AZ.
Fields: 020, 030, 080.
Prev Emp: Tchg & Res Asst, Univ of AZ, Tucson 1969-73; Prog/Anal, Automated Concepts NYC 1968-69; Prog/Anal, AT&T, New York City 1967-68.
Pub: A Methodology for Planning Land Use and Engineering Alternatives for Floodplain Management, Univ of AZ 1973; Land Use Planning Models, Paper Presented at AAEA Summer Meetings, 1975;

Development of Land Use Planning and Transportation Planning Systems for National Forests, NTIS, Springfield VA 1975.
Mbr: SCSA; SAF; RSA.

WEITBRECHT, Louise, California & Hawaii Sugar Company, One CA Street, San Francisco CA 94106.

WELCKER, Quevedo H., Final Calle Vargas, Edificio Corporacion de Mercadeo Agr, Boleita Norte, Caracas 107 Venezuela; PH 02-3438-32.
President, Corp de Mercadeo Agr (21) 01, 06, 11.
b. 1933 Venezuela; Citz: Venezuela; M-2.
Medico Vet 1956 Univ Rur Brasil; Post Grado 1957 MA Cornell; MA (Adm Gerencial) 1972 U.C.V.
Fields: 014, 051, 090, 080.
Prev Emp: Gerente Gen, Almacenes y Depositos Ago, Caracas, Venezuela 1974; Dir, Mins Agrcultura y Cria, Caracas, Venezuela 1958-67.
Pub: Animal Husbandry in the Tropics (Book) Caracas 1972; Venezuelan Livestock Econ Aspects, Caracas 1971.
Lang: Spanish; Other: Eng 1-1-1, Por 2-2-2.
Mbr: Asociacion de Criadores de Granado do Cebu.

WELLMAN, Allen C., 332 Filley Hall, Univ of Nebraska, East Campus, Lincoln NE 68583; PH 402-472-3401.
Ext Econ, Univ of NE (03) 09, 07.
b. 1939 South Dakota; M-3.
BS 1962, MS 1965 Univ of NE; 1966 IA St Univ; PhD 1969 Univ of NE.
Fields: 014, 018.
Prev Emp: Res Asst, Univ of NE, Lincoln 1964-69; Officer, US Army, Ft Eustis VA 1962-64.
Mbr: NE-Agr Bus Club.
Hon: Gamma Sigma Delta; Am Men & Women of Science.

WELLMAN, Harry R., 224 Gianni Hall, Univ of California, Berkeley CA 94720; PH 415-642-2264.
Professor Emeritus, Univ of CA (76) 08, 07.
b. 1899 Canada; Citz: USA; M-1.
BS 1921 OR Agr College; MS 1924, PhD 1926 Univ of CA; LLD (Hon) 1960 OR St College; LLD (Hon) 1968 Univ of CA; LLD 1970 Univ of WI.
Fields: 014, 016.
Prev Emp: V. Pres, Univ of CA, Berkeley 1958-68; V. Pres-Agr, Univ of CA 1952-58; Dir, Giannini Foundation, Univ of CA, 1942-52.
Mbr: WAEA, President 1947.
Hon: Who's Who in America.

WELLS, Chester M. Jr., Box 5168, Mississippi State MS 39767; PH 601-325-3701.
Prof, Head & Editor, Exp Sta, MS Agr & Forestry Exp Sta (03) 07, 22.
b. 1920 Mississippi; M-1.
BS 1948, MS 1949 MS St Univ; PhD 1956 Univ of IL.
Fields: 017, 073, 111.
Mbr: SAEA, Ed Board 1972-74.
Hon: Outstanding Educ.

WELLS, James A., F201, NFDC TVA, Muscle Shoals AL 35660; PH 205-383-4631.
Agr Econ, TVA (35) 09, 11, 19.
b. 1925 Kentucky; M-3.
BS 1949, MS 1951 Univ of KY; PhD 1970 Univ of IL.
Fields: 012, 011, 014, 073.
Prev Emp: Agr, TVA, Knoxville TN 1952-55; Asst Farm Mgmt, Univ of KY, Lexington 1951-52.
Pub: Rapid Adjustment Farms, TVA, Muscle Shoals, AL 1968; Fertilizer & Plant Protection Chemicals in Nigeria, IITA, Ibadan, Nigeria 1975.
Lang: Ger 3-0-0, Fr 3-0-0.
Mbr: PA Plant Food & Pesticide Educ Soc.
Hon: Alpha Zeta; Gamma Sigma Delta.

WELLS, Oris V., 1907 Windsor Road, Alexandria VA 22307; PH 703-765-0497.
Cons, Various Govt & Non-Profit Org or Institutions (78) 18, 15, 19.
b. 1903 Mississippi; M-2.
BS 1928 NM St Univ; ScD (Hon) 1950 MI St Univ; LLD (Hon) 1952 NM St Univ; 1931-32 Harvard Univ.
Fields: 017, 016, 073, 118.
Prev Emp: Chf, Bureau of Agr Econ, USDA, Washington DC 1946-53; Admn, AMS-USDA, Washington DC 1953-61; Dep Dir Gen, FAO-UN, Rome, Italy 1961-71.
Pub: The Depression of 1873-79, JFE, May 1937, and Agr History July 1937; Farmer's Response to Price in Hog Production and Marketing, USDA Tech Bull. 359, April 1933; Some Principles of Agricultural Development, Proceedings IX Conf. Soc for Intl Devl, June 1967.
Mbr: ICAE; ASA; SID. Lang: It 2-3-2.
Hon: Who's Who in Am; Intl Who's Who; Am Men & Women of Science; AAEA Fellow & Past President; ASA, Fellow; Pres Citation for "Pioneering Farm Policy Activities" 1968.

WELLS, Robert C., Dept of Econ & Business Box 5576, Raleigh NC 27607; PH 919-737-2887.
Ext Professor, NC St Univ (03) 09, 20.
b. 1935 New York; M-2.
BS 1956 Univ of CT; MS 1963, PhD 1965 Cornell Univ.
Fields: 012, 151.
Prev Emp: Grad Asst, Cornell Univ, Ithaca NY 1961-65; Farm Mgr, Dewan Farm, Oneida NY 1959-61; Herdsman, Wandering Brook Farm, Tully NY 1958-59.

Pub: Ownership and Transfer of Real Property, NC St Univ 1975; Legal & Economic Aspects of Retirement, NC St Univ 1974; Estate Planning for North Carolina Families, NC St Univ 1974.
Lang: Sp 3-3-3.
Mbr: NC-SFM&RA, Board of Dir 1973 to date.
Hon: Univ Ext Outstanding Tchg Award 1974; Nomination for AAEA Pub & Ext Tchg Awards 1971, 1974, 1975.

WELSCH, Delane E., GPO Box 2453, Bangkok, Thailand.
Agr Econ, Rockefeller Foundation (72) 07, 08, 04.
b. 1934 Nebraska; M-2.
BS 1959, MS 1962 Univ of NE; PhD 1964 MI St Univ.
Fields: 011, 012, 017, 073.
Prev Emp: Asst Prof, TX A&M Univ, College Station 1964-67.
Pub: Response to Economic Incentives, JFE 1965; Rice Marketing in East Nigeria, Food Res Inst Studies 1966; Use of Domain Estimators, JASA 1968.

WELTIN, William F., 1551 Kewalo Street #N, Honolulu HI 96822.

WESSEL, Kelso L., Dept of Agr Econ, 2120 Fyffe Road, OH St Univ, Columbus OH 43210; PH 614-422-6971.
Assoc Professor, OH St Univ (03) 08.
b. 1933 Indiana; M-2.
BS 1962 Purdue Univ; MS 1964 Univ of CT; PhD 1968 Cornell Univ.
Fields: 141, 112, 073, 069.
Pub: Food, Fiber & Natural Resource Econ: Concept Application OSU ESO:288, 1975; Computer Assisted Testing, OSU Dept of Agr Econ 240, 1975; The Profitability of Small Farms in Bolivia, Cornell Univ Dept of Agr Econ Mino #38, 1972.
Lang: Por 1-2-1, Sp 1-2-1.
Hon: Who's Who in America; Am Men & Women of Science; Gamma Sigma Delta.

WEST, Donald Alan, Dept of Agr Economics, WA St Univ, Pullman WA 99163; PH 509-335-1409.
Assoc Professor, WA St Univ (03) 07, 08, 20.
b. 1934 Nebraska; M-3.
BS 1964 Univ of NE; MS 1966 CO St Univ; MA 1968, PhD 1970 Univ of WI.
Fields: 040, 051, 017.
Prev Emp: Asst Prof, WA St Univ, Pullman 1970-74; Proj Asst, Univ of WI, Madison 1968-70; Farmer,, Self-employed, NE 1951-60.
Pub: Effect of Employment on Migration, Annals of Regional Science 1975; Food Stamp Participation and Demand for Food, SJAE 1975; Policy-Related Research on Migration, Land Economics 1976.
Lang: Ger 2-0-0, Sp 2-0-0.
Mbr: WRSA; WAEA, Council Mbr 1972-74.
Hon: Who's Who in WA; BS W/Distinction; Phi Kappa Phi; Alpha Zeta.

WEST, Donald Albert, Econ Br, Agr Canada, Sir John Carling Bldg, Ottawa, Ontario, Canada K1A 0C5; PH 613-994-9507.
Econ, Agr Canada (26) 07.
b. 1933 Canada; Citz: Canada; M-2.
BSA 1958 Univ of Toronto; MS 1960 Univ of MN; PhD 1963 PA St Univ.
Fields: 014, 016, 015, 101.
Prev Emp: Asst Prof, NC St Univ, Raleigh 1963-70; Grad Asst, PA St Univ, 1960-63; Grad Asst, Univ of MN, St Paul 1958-60.
Pub: Hog Supply Functions, Agr Canada Rpt 1974; Spatial Analysis of Beef Feeding, Southern Coop Series 1973; Space-Product Equil in Dairy, JFE 1964.
Mbr: CEA; CAES, Ed Rev Comm; AEA.
Hon: Gamma Sigma Delta; Pi Gamma Mu; Artos.

WEST, Jerry G., Dept of Agr Econ, 200 Mumford Hall, Univ of Missouri, Columbia MO 65201; PH 314-882-3646.
Professor, Univ of MO (03) 08, 07.
b. 1930 Oklahoma; M-3.
BS 1952, MS 1955 OK St Univ; PhD 1958 MI St Univ.
Fields: 017, 043, 031, 035.
Prev Emp: Vstg Prof, NC St Univ, Raleigh 1967-68; Asst-Assoc Prof, Univ of MO, Columbia 1958-64.
Pub: Economics of Agricultural Production, Markets and Policy, Richard D Irwin, 1968.
Mbr: SAEA.
Hon: Am Men & Women of Science.

WEST, Quentin M., ERS-USDA, Washington DC 20250; PH 202-447-8104.
Admn, USDA (16) 06, 22, 16.
b. 1920 Utah; M-4.
BS 1948, MS 1949 UT St Univ; PhD 1951 Cornell Univ.
Fields: 073, 018, 118, 020.
Prev Emp: Adm, FEDS-USDA, Washington DC 1969-71; Dir, FRAD-ERS-USDA, Washington DC 1965-69; Dep Dir, FRAD-ERS-USDA, Washington DC 1962-65.
Pub: World Food Budget, USDA 1964; Agricultural Development in Turkey USDA 1958; Improving Farm Income in the Poppy Region, USDA 1971.
Lang: Sp 2-2-2.
Mbr: ICAE; SID.
Hon: Who's Who in Am; Who's Who in Ecology; Who's Who in the U.S.

WEST, Vincent I., 302 Mumford Hall, Univ of Illinois, Urbana IL 61801; PH 217-333-1993.
Professor, Univ of IL (03) 02, 07, 08.
b. 1920 Illinois; M-2.
BS 1946, MS 1947, PhD 1951 Univ of IL.
Fields 080, 081.
Lang: Ger 1-3-2.

WETMORE, John M., 1125 15th Street NW, Washington DC 20005; PH 202-785-8333.
Chf Econ, Mortgage Bankers Assoc of Am (53) 01, 07, 15.
b. 1927 Kansas; M-4.
AB 1948, MA 1950 Univ of KS; 1951-55 Harvard Univ.
Fields: 130, 050, 100, 030.
Prev Emp: Econ, Fed Home Loan Bank, Chicago 1963-67; Econ, Fed Reserve Bank of Chicago 1958-63.
Mbr: NABE, Council Mbr; AFA; Fed Stat Users Conf, V. Chairman.

WEYMAR, F. Helmut, Commodities Corporation, Mt Lucas Road, Princeton NJ 08540.

WHARTON, Clifton R. Jr., 450 Admn Bldg, MI State Univ, E Lansing MI 48824.

WHATLEY, Thomas J., Dept of Agr Econ & Rural Soc, Univ of Tennessee, Knoxville TN 37901.

WHEELER, Richard Gibbs, RFD #2 Old North Road, Winsted CT 06098; PH 203-379-8491.
Sr Associate, Robert R Nathan Associates Inc (51) 07.
b. 1917 Connecticut; M-5.
BS 1937, MS 1940 Univ of CT; AM 1949, PhD 1950 Harvard Univ.
Fields: 073, 012, 035, 014.
Prev Emp: Econ Adviser, USDA, Rio de Janeiro 1965-68; Assoc Prof, MI St Univ 1955-65; Res Associate, Harvard Univ 1946-55.
Pub: Planning for Successful Dairying in New England, Harvard Univ Press 1955; Administracion Rural, Medellin (in Spanish; Rio (Port), 1963, 1967; Public Law 480 & Colombia's Econ Development, Medellin 1964.
Lang: Sp 1-1-1, Por 1-2-2.
Mbr: IAAE; Org Prof Employees of USDA.
Hon: Am Men & Women of Science, Natl Dir Latin Americanists; Gamma Sigma Delta.

WHEELER, Richard O., Route 3 Winrock Center, Morrilton AR 72110; PH 501-727-5435.
President, Winrock Intl Center (70) 04, 07, 20.
b. 1931 Montana; M-2.
BS 1958, MS 1959 MT St Univ; PhD OR St Univ; 1959 (1 semester) Univ of IL.
Fields: 081, 011, 012, 092.
Prev Emp: Cons, Schnittker Assoc, Washington DC 1974-75; Res Econ, USDA-ERS, MT St Univ 1967-74; Assoc Prof, MT St Univ 1967-74.
Pub: Demand for Beef in Japan, MT St Univ 1975; Range Cattle Industry of Northern Great Plains, MT Agr Exp Sta 1970.
Mbr: SID; SFM&RA.

WHITAKER, Morris D., Dept of Economics, UT St Univ, Logan UT 84322; PH 801-752-4100.
Asst Professor, UT St Univ (03) 07, 22, 18.
b. 1940 Idaho; M-5.
BS 1965, MS 1966 UT St Univ; PhD 1970 Purdue Univ.
Fields: 073, 010, 020, 121.
Prev Emp: Asst Prof, Purdue Univ 1970; Res Assoc, Purdue Univ 1966-70; Stat Anal, UT St Univ 1964-66.
Pub: Status of Bolivian Agriculture, Praeger Publishers, New York 1975; Agr Development in Bolivia: A Sector Study, USAID/Bolivia 1974; Colonization in Bolivia, Land Economics 1976.
Lang: Sp 1-2-1, Por 1-2-1.
Mbr: AEA; IAAE.
Hon: Travel Fellowship 1973 IAAE Meetings Postdoctoral Fellowship, Water Resources Developing Countries, UT St Univ 1970-72.

WHITE, Fred C., Dept of Agr Economics, Univ of Georgia, Athens GA 30602; PH 404-542-3571.
Asst Professor, Univ of GA (03) 07, 08.
b. 1944 Texas; M.
BS 1967 TX Tech Univ; MS 1969, PhD 1971, OK St Univ.
Fields: 032, 017, 039.
Prev Emp: Res Asst, OK St Univ 1970-71; NDEA Fellow, OK St Univ 1967-70.
Pub: Economics of Education, Socio-Econ Planning Sciences 1973; Urban Sprawl and Agricultural Land Use, Jour Am Soc of FM&RA 1975; Optimizing Acreage: Decision-Making With Uncertainties, AJAE 1975.
Mbr: SAEA; NTA.

WHITE, Morris, Dept of Agr Econ & Rural Soc, Auburn Univ, Auburn AL 36830; PH 205-826-4800.
Professor, Auburn Univ (03) 07, 08.
b. Alabama; M.
BS 1938 Auburn Univ; MS 1948, PhD 1950 Purdue Univ.
Fields: 014, 017, 018, 016.
Prev Emp: Res Asst, Purdue Univ 1947-49; US Army 1942-46; County Supr, FHA, AL 1938-41.
Pub: The Price & Production of Broilers, Lafayette IN 1950; Price Differentials for Slaughter Hogs, Auburn AL 1955; Index of Prices Received by Farmers in Alabama, Auburn AL 1974.
Lang: Fr 2-0-0.
Hon: Am Men & Women of Science.

WHITE, Thomas K. Jr., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-749-2886.
Professor, Purdue Univ (03) 07, 08.

b. 1935 Georgia; M-2.
BS 1957, MS 1960 Univ of GA; PhD 1966 NC St Univ.
Fields: 011, 073, 075.
Prev Emp: Instr, NC St Univ 1960-63 & 1965-66; Econ, NC/AID Mission to Peru 1963-65.
Lang: Por 1-3-1, Sp 2-0-3.
Mbr: IAAE.
Hon: Who's Who in America; Who's Who in Midwest; Am Men & Women of Science.

WHITNEY, Richard K., Farm Equipment Group, Hesston Corporation, Hesston KS 67062; PH 316-327-6782.
Mgr, Market Res, Hesston Corp (51) 11.
b. 1947 USA; M-1.
BA 1970 Dakota Wesleyan Univ.
Fields: 081, 083, 095.
Prev Emp: Supr, IHC, Chicago 1971-73.

WHITSON, Robert E., Range Science Dept, TX A&M Univ, College Station TX 77843; PH 713-845-6531.
Asst Professor, TX A&M Univ (03) 07, 08, 20.
b. 1942 Texas; M-2.
BS 1965, MS 1967, PhD 1974 TX A&M Univ.
Prev Emp: Area Econ-Mgmt, TX Agr Ext Serv, Gonzales TX 1969-71; Captain, US Army 1967-68; Range Tech, TX Agr Exp Sta, Seymowa TX 1964. Fields: 011,012,026.
Pub: Eval the Relationship Between Income and Uncertainty for a Texas Ranch Organization, TX A&M Univ 1974; Economic Implications of the 1973 Farm Program on Wheat and Beef Production..Southern High Plains, SJAE 1974; Economic Analysis of Irrigated Wheat and Stocker Grazing Alt in Northern High Plains of TX and OK, Agr Econ Dept, TX A&M Univ 1973.
Mbr: SAEA; WAEA; SRM.
Hon: Outstanding Dissertation, TX A&M Univ, Agr Econ Dept 1974.

WHITTAKER, James K., Dept of Agr Economics, Purdue Univ, W Lafayette IN 47907; PH 317-494-8691.
Asst Professor, Purdue Univ, (03) 07, 08.
b. 1949 Oregon; M.
BS 1971 OR St Univ; ME 1973, PhD 1976 NC St Univ.
Fields: 011, 016, 081, 062.
Prev Emp: Instr, NC St Univ 1974-75.
Mbr: AEA.
Hon: Phi Kappa Phi; Omicron Delta Epsilon; Gamma Sigma Delta.

WHITTLESEY, Norman K., Dept of Agr Econ, Washington St Univ, Pullman WA 99163; PH 509-335-1809.
Prof & Agr Ncon, WA St Univ (03) 07, 08.
b. 1933 Colorado; M-2.
BS 1955, MS 1960 CO St Univ; PhD 1964 IA St Univ.
Fields: 011, 021, 084.
Prev Emp: Agr Econ, USDA-ERS, Ames IA 1961-65; Res Asst, IA St Univ 1960-61; Res Asst &Assoc, CO St Univ 1958-60.
Mbr: WAEA, V. President 1975-76.
Hon: Am Men & Women of Science; Who's Who in the West. AZ; GSD; ATA.

WIDODO, Sri, Dept of Agr Econ, Faculty of Agriculture, Gadjah Mada Univ, J1C Simandjuntak, Yogyakart, Indonesia.

WIEBE, J.E., Chairman, Agr Bldg, 9718 107 Street, Edmonton, Alberta, Canada T5K 2C8.

WIEDEMANN, Paul, 84 Moorgate, London EC2M 6SQ England; PH 01-283-1030.
Sr Lecturer in Econ, City of London Polytechnic (03) 08, 07.
b. 1944 USA; U.
BA 1966 Yale Univ; MS 1968 London School of Econ & Pol Sci; PhD 1974 Univ of London.
Fields: 077, 010, 092.
Prev Emp: Guest Res Worker, Center for Continental Agr Econ Res, Glessen, W. Germany 1974; Guest Res Worker, Inst of Econ, Bulgarian Acad of Science, Sofia, Bulgaria 1972-73.
Pub: Evaluation of Goals & Planning, Jahrbuch der Wirteschaft Osteuropas 1975; Organization of Bulgarian Agriculture, ISEES, Univ of Glasgow 1976; Modeling an Agro-Industrial Complex, Oxford Agrarian Studies 1974.
Lang: Ger 1-2-1, Bul 1-2-1, Rus 2-2-2, SerboCroat 2-2-2, Rum 2-2-2, Macedonian 2-2-2.

WIEGAND,Kenneth D., Dept of Agr Econ, Univ of Kentucky, Lexington KY 40506; PH 606-257-2766.
Ext Res Assoc, Univ of KY (03) 07, 09, 23,
b. 1946; M-1.
BA 1965 Miami Univ; MSA 1975 Univ of FL.
Fields: 014, 073, 051.
Prev Emp: Dir-Agr Tech Center, Baisco Inc, San Jose, Costa Rica 1971-72; Prog Training Dir, Catholic Univ, Ponce PR 1968-71; Planning Devl Spec, Inst Agra Dom, Santo Domingo, Peace Corps, 1965-68.
Pub: Economic Feasibility Stabilizing Price/Supply Potatoes-Ecuador, Univ of Florida/INIAP/Ecuador 1976; Rural Health Care in Kentucky, Univ of KY 1976; Community Development Source Book, Univ of KY 1975.
Lang: Sp 1-1-1, Fr 2-2-2.
Mbr: SAEA; CDS; Potato Assoc of Am.
Hon: Omicron Delta Epsilon; Adv Student Program.

WIEGMANN, Fred H., Dept of Agr Econ & Agribusiness, LA St Univ, Baton Rouge LA 70803; PH 504-388-3282.
Prof & Head of Dept, LA St Univ (03) 01.
b. 1921 USA; M-2.
BS 1941 Univ SW LA; MS 1950 LA St Univ; PhD 1953 IA St Univ.
Fields: 011, 012, 017, 014.
Prev Emp: Grad Res Asst, IA St Univ, Ames, 1950-53; Grad Res Asst, LA St Univ, Baton Rouge 1948-50.
Pub: Use of Regression & Test Procedures, JFE, Nov 1954; Farm Income-Confused Picture, JFE, May 1957; Effect of Production Practices on Corn Yields, Cost and Returns, Louisiana, LA St Univ 1972.
Mbr: SAEA.
Hon: Phi Kappa Phi, Pres 1975-76; Gamma Sigma Delta, Pres. 1962-63; Who's Who in America; Am Men & Women of Science.

WIGGINS, Edward R., 228 Mumford Hall, Univ of Missouri, Columbia MO 65201; PH 314-882-2728.
Assoc Professor, Univ of MO (03) 09.
b. 1924 Missouri; M-2.
BS 1947, MS 1964 Univ of MO.
Fields: 012, 013, 014.
Prev Emp: County Agt, Clinton MO 1949-59.
Pub: Missouri Small Farm Program 1974, Univ of MO 1975; Missouri Launches Small Farm Program, Univ of MO 1973; Missouri Dairy Farm Costs and Returns, Univ of MO 1971.
Mbr: ASFM.
Hon: Gamma Sigma Delta; Epsilon Sigma Phi.

WILCOX, Robert W., West Washington Res & Ext Center, Puyallup WA 98371; PH 206-845-6613.
Ext Econ, WA St Univ (03) 09, 22.
b. 1913 Oregon; M-4.
BS 1938 OR St Univ; MS 1940, PhD 1947 IA St Univ.
Fields: 014, 111, 031, 073.
Prev Emp: Sr Agr Econ, Exotech System Inc, Gaithersburg MD 1971-72; Proj Spec, The Ford Foundation, New Delhi, India 1964-71; Ext Econ, Univ of ID 1947-66.
Pub: The Farmers Home Administration Farm Ownership Program in Iowa, Farmers Home 1948; Farm Mechanization Program for Korea, Seoul, Korea 1972.
Mbr: IAAE.
Hon: Sr Fellow- East-West Center 1972-73; Traveling for Seminar to S&E Asia & Australia 1960; Friend of IFYE 1973, (Intl Farm Youth Exchange Program).

WILCOX, Walter W., 4810 Essex Avenue, Chevy Chase MD 20015.
Retired.
b. 1904 USA; M-3.
BS 1928 IA St Univ; MS 1930 Univ of IL; PhD 1937 Harvard Univ.
Fields: 017, 112, 118.
Prev Emp: Sr Spec, Library of Congress, Washington DC 1950-74.
Pub: Economics of American Agriculture, Prentice Hall 1973.
Hon: Who's Who in America.

WILKEN, Delmar F., 305 Mumford Hall, Univ of Illinois, Urbana IL 61801; PH 217-333-0752.
Professor, Univ of IL, Urbana (03) 09, 20, 10.
b. 1921 Illinois; M-3.
BS 1947, MS 1952 Univ of IL.
Fields: 011, 012, 013, 018.
Prev Emp: Fieldman, Pioneer Farm Busines Farm Mgmt Assoc, Bloomington IL 1948-5
Pub: Annual Summaries of Illinois Farm Business Records, Univ of IL, Annual 1955 to date.
Mbr: ISPFMRA; IFBFMA, Exec Sec 1955 to date.
Hon: Dir of Am Scholars; Leaders in Educ Grad Univ of IL Highest Honors.

WILKIN, John T., Doane Agricultural Serv Inc, 8900 Manchester Road, St Louis MO 63144.

WILKINSON, James K., Agriculture Divisic No. 5 Temporary Bldg, Ottawa, Ontario Canada K1A 0L7; PH 613-994-9888.
Head, Crop Reporting, Statistics Canada (26) 06, 07, 15.
b. 1944 Canada; Citz: Canada; M.
BS 1967 Univ of Guelph; MS 1970, PhD 1973 Univ of KY.
Fields: 014, 101, 080.
Prev Emp: Grad Res Asst, Univ of KY 1968 73; Credit Advisor, Farm Credit Corp, Toronto, Canada 1967-68.
Pub: Economic Costs and Benefits of Rura Road Improvement in the Eastern Kentucky Coal Fields, Univ of KY, Oct 197 Some Effects of Rural Road Improvement in Appalachia-A Case Study in the Eastern Kentucky Coal Fields, Univ of KY 1973.
Lang: Fr 2-2-2.
Mbr: CAES.
Hon: Gamma Sigma Delta.

WILKOWSKE, Roger H., Ext Service, USDA, Washington DC 20250; PH 202-447-4341.
Prog Leader-Dairy Mktg & Food Tech (17) 09, 11, 18.
b. 1923 Wisconsin; M-5.
BS 1948 KS St Univ; MS 1950 MI St Univ; PhD 1954 PA St Univ.
Fields: 014, 015, 095, 101.
Prev Emp: Assoc Prof, KS St Univ 1957-67 Econ, NY Milk Mkt Adm, New York 1954-5 Grad Asst, PA St Univ 1950-54.
Pub: Supply & Utilization of Milk in KS, KS St Univ 1967; Engineering Aspects of Agr Mktg, KS St Univ 1966; Food Processing Waste Disposal, Univ of NV 1975.
Mbr: ADSA, IFT; AMA, Prog Chairman, WA.
Hon: Alpha Zeta; Epsilon Sigma Phi.

WILLETT, Gayle S., Coop Ext Service, Agr Phase II, Room 203, WA St Univ, Pullman WA 99163; PH 509-335-2511.
Extension Econ, WA St Univ (03) 09, 07.
b. 1941 Oregon; M-2.
BS 1964 OR St Univ; MS 1966, PhD 1971 Univ of WI.
Fields: 012, 013, 011.
Prev Emp: Asst Prof, Univ of AZ 1972-75; Asst Prof, Univ of WI 1971-72.
Pub: The Economics of Owning, Leasing, Renting or Custom-Hiring Selected Farm Machines in Arizona, Univ of AZ 1975; The Impact of Federal Income Taxes on the Decision to Lease or Buy Farm Machinery, Jour of Am Soc of Farm Mgrs & Rural Appraisers 1975; Cattle Feeding Tax Benefits to Nonfarm Investors, Proceedings WAEA 1974.
Mbr: WAEA; ASFM&RA.

WILLETT, Joseph W., Director Foreign Reg Anal Div, ERS-USDA, Room 348, 500 12th Street SW, Washington DC 20250.

WILLIAMS, Donald B., Roseworthy Agr College, Roseworthy, South Australia 5371; PH 085-25-8057.
Director, Roseworthy Agr College (03) 02.
b. 1920 Australia; Citz: Australia; M-4.
BS 1943 Sydney Univ; BC 1947 Melbourne Univ; PhD 1950 Univ of IL.
Fields: 012.
Prev Emp: Sr Prin Res Sci, CSIRO, Canberra Australia 1971-72; Dir, Agr Ext, Univ of Melbourne, 1969-70; Vstg Prof, Univ of Melbourne 1964-69.
Pub: Agricultural Extension: Farm Ext Services in Australia, Britain and the United States, Melbourne Univ Press 1968; Agriculture in the Australian Economy, Sydney Univ Press 1967; Fifty Years of Farm Management, Univ of IL Press 1957.
Mbr: Australian Inst of Agr Sci, Fellow 1963; IAAE; Rotary Intl.
Hon: PhD Award AAEA, 1951; Fellow AIAS 1963.

WILLIAMS, Donald L., W. TX St Univ, Agr-Bus & Econ Dept, Canyon TX 79016; PH 806-656-2100.
Asst Prof, W. TX St Univ (03) 08, 07, 20.
b. 1947 Texas; M-3.
BS 1970 W. TX St Univ; MS 1972, PhD 1975 Univ of TN.
Fields: 014, 012, 011, 016.
Prev Emp: NDEA Fellow, Univ of TN 1970-73; Grad Res Asst, Univ of TN 1970.
Pub: An Economic Analysis of Beef Production in Delta & Brn Soil Area of Tennessee, Univ of TN 1975; Impact of Pro Decline or Closing of Ctl Feedlots in Texas Panhandle, W. TX St Univ 1975.
Mbr: SAEA.
Hon: Gamma Sigma Delta; NDEA Fellow; Outstanding Agr Grad WTSU.

WILLIAMS, Dorwin L., Dept of Agr Econ, Purdue Univ, W. Lafayette IN 47907; PH 317-749-2510.
Agr Econ, ERS-USDA (16) 07.
b. 1928 Missouri; M-3.
BS 1957, MS 1958, PhD 1962 Univ of MO.
Fields: 013, 011, 018, 017.
Prev Emp: Agr Econ, ERS-USDA, Univ of MO 1962-72; Grad Asst, Instr & Asst Prof, Univ of MO 1957-62; US Air Force 1950-54.
Pub: Land Tenure, RB No. 809, Univ of MO 1962; Rural Housing CR, RB No. 935, Univ of MO 1968; Changes in Corn Belt Farm Sector SB No. 15, Purdue Univ 1973.
Mbr: OPEDA-USDA; MO Hist Soc; MO Alumni Assoc.
Hon: Am Men & Women of Science; GSD.

WILLIAMS, E. Morgan, 536 Jefferson Street, Topeka KS 66607; PH 913-234-8661.
St Dir, Farmers Home Adm, USDA (20) 51.
b. 1939 Kansas; M-4.
BA 1961 Ottawa Univ, KS; MA 1962 Univ of KS.
Fields: 013, 091, 031, 132.
Prev Emp: Prof, Ottawa Univ, KS 1966-69; Mgmt, Plains Equity Exchange & Coop Union, Plains KS 1962-66; Off & Elevator, Plains Equity Exchange & Coop Union 1961.
Mbr: AEA; Agr Hall of Fame, Exec Comm.
Hon: Who's Who in Am; Jaycee Dist Serv Awards 1965, 1968; FFA-Hon St Farmer 1971. Award Natl Farm-City Coun 1974.

WILLIAMS, Ed, S-225 Aurora, Des Moines IA 50310.

WILLIAMS, Fred E., Q-301 E S King Village, Raleigh NC 27607; PH 919-737-2617.
23.
b. 1948 USA; M.
BS 1972, ME 1975, 1975 to date NC St Univ.
Fields: 141, 062, 026, 017.
Prev Emp: Tchr, Davidson County Schools, Lexington NC 1972-73.
Mbr: AEA; SAEA; SEA.

WILLIAMS, Howard C., 14th & Independence Avenue SW, Room 234-W, Washington DC 20250; PH 202-447-6030.
Agr Econ, USDA-ASCS (23) 18, 19, 06.
b. 1921 Georgia; M-2.
BS 1942 Savannah St Univ; MS 1947, PhD 1953 OH St Univ.
Fields: 017, 111, 112, 061.
Prev Emp: Sr Agr Adv, Off of Spec Trade Rep, Exec Off of the President, Washington DC 1973-75; Staff Asst, USDA-ASCS, Washington DC 1971-73; Prof, OH St Univ 1954-71.
Mbr: IAAE.
Hon: Who's Who in America; Am Men & Women of Science; Who's Who Among Black Am; Gamma Sigma Delta.

WILLIAMS, Joel S., 316 Hutcheson Hall, Dept of Agr Econ, VPI & St Univ, Blacksburg VA 24061; PH 703-951-5614.
Asst Professor, VPI & St Univ (03) 09, 08, 10.
b. 1947 Texas; M.
BS 1969,LA St Univ; MS 1972 Purdue Univ; PhD 1976 Univ of FL.
Fields: 090, 020, 040, 014.
Prev Emp: Grad Res Asst, Univ of FL 1971-75; Grad Res Asst, Purdue Univ 1969-71; Stat Trainee, USDA-CRS, Alexandria LA 1967-68.
Pub: An Economic Analysis of Alternative Management Schemes for the Florida Spiny Lobster Fishery, Dissertation, Univ of Fl 1976; Status of Florida Spiny Lobster Fishery: Landings, Prices and Resource Productivity, Univ of FL 1975; Computer Simulation of a Hypothetical Commodity Market, MS Thesis, Purdue Univ 1972.
Lang: Fr 0-0-3.
Mbr: SAEA.
Hon: Omicron Delta Epsilon; Gamma Sigma Delta; ODK, Sr Danforth Award; Outstanding Sr Award, College of Agr, LA St Univ, Who's Who in America.

WILLIAMS, John L., Dept of Agr & Resource Econ, 2545 The Mall, Univ of Hawaii, Honolulu HI 96822; PH 808-948-8360.
Assoc Mktg Spec, Univ of HI (03) 09, 08.
b. 1932 South Carolina; M-2.
BS 1959, MS 1961 Clemson Univ; PhD 1968 MS St Univ.
Fields: 014, 015.
Prev Emp: Asst Prof, Univ of GA, Athens 1964-75; Res Assoc, MS St Univ 1961-64; Grad Asst, Clemson Univ, SC 1960-61.
Pub: Federal Milk Marketing Orders, Univ of GA 1969; Economic Analysis of Grape Processing, Univ of GA 1973.
Mbr: WAEA.

WILLIAMS, Joseph E., 308 Agr Hall, OK St Univ, Stillwater OK 74074; PH 405-372-6211.
Asst Professor, OK St Univ (03) 07, 08.
b. 1942 California; M-2.
BS 1965, MS 1967 NM St Univ; PhD 1975 IA St Univ.
Fields: 012, 014, 016, 019.
Prev Emp: Instr, IA St Univ 1971-75; Res Assoc, NM St Univ, Las Cruces 1969-71; Agr Loan Paper, First Natl Bank, Roswell NM 1969.
Pub: Feeding-Marketing Decisions and the Value of Price Forecast Information to the Cattle Feeder 1975; Transportation Model& Structure Analysis of New Mexico Alfalfa Hay Market in 1965, NM St Univ 1967.
Mbr: SAEA.
Hon: Alpha Zeta; Gamma Sigma Delta.

WILLIAMS, Robert J., College of Business, Ypsilanti MI 48197; PH 313-487-0143.
Professor, East Michigan Univ (03) 08, 07, 09.
b. 1929 New York; M-5.
BS 1951, MS 1954, PhD 1962 Cornell Univ.
Fields: 095, 093, 015.
Prev Emp: Asst Prof. Purdue Univ, Lafayette IN 1962-66.
Pub: An Economic Comparison of Alternati Marketing Systems for Servicing NY Egg Markets, Cornell Univ 1962.
Lang: Fr 3-0-0, Rus 3-0-0.
Mbr: AMA, Dir 1969-70, VP 1971-72, Sec 1975-76; Air Force Assoc.
Hon: Who's Who in America.

WILLIAMS, Sheldon W., 305 Mumford Hall, Univ of Illinois, Urbana IL 61801; PH 217-333-6313.
Professor, Univ of IL (03) 08, 07, 22.
b. 1911 New York; M-8.
BS 1932 Cornell Univ; MS 1934 Univ of VT PhD 1941 Cornell Univ.
Fields: 014, 012.
Prev Emp: Assoc Prof-Prof, Auburn Univ, AL 1947-52; Assoc Prof, Univ of VT, Burlington 1947.
Pub: Organization and Competition in the Midwest Dairy Industry, IA St Univ Press 1970; Impact of Food Chain Procurement Policies in the Fluid Milk Processing Industry, AJAE 1970; Acceptance of Soybean-Enriched Wheat Flour for Use in Chapati, India Jour Nutrition & Dietetics 1973.
Lang: Fr 3-0-0.
Hon: Am Men & Women of Science; Superior Serv Award, USDA 1962; Sigma Xi; Phi Kappa Phi.

WILLIAMS, Thomas T., Box 9846 So Post Office, Baton Rouge LA 70813; PH 504-771-4680.
Prof & Admn, So Univ (03) 01, 02, 03.
b. 1925 USA; M-2.
BS 1948 A&T Univ; MS 1949 Univ of IL; PhD 1954 OH St Univ; Cert 1959 Case Inst.
Fields: 014, 030, 040, 070.
Prev Emp: Econ, Ford Foundation, LA 1967-68; Asst Dean, Tuskegee Inst, AL 1949-52.
Pub: Location of Food Processing Industries, Univ of IL 1949; Food Consumpti Habits, OH St Univ 1952.
Lang: Fr 3-0-0, Sp 3-0-0.
Mbr: Gov's Council of Econ Adv; Master Plan Adv Group.
Hon: Who's Who in America; Dir of Am Scholars; Leaders in Educ; Intl Who's Who; Am Men & Women of Science.

WILLIAMS, Willard F., PO Box 4169, Lubbock TX 79409; PH 806-742-7251.
Horn Prof, TX Tech Univ (03) 08, 07.
b. 1921 Idaho; M-5.
BS 1947 OR St Univ; MS 1948 Univ of CA; PhD 1952 Purdue Univ.
Fields: 014, 017, 018.
Prev Emp: Chrmn, Dept of Agr Econ, TX Tech Univ 1963-71; Mktg Econ, ERS-USDA, Washington DC 1955-60.
Pub: Economics of the Livestock Meat Industry, The MacMillan Co 1964; An Interregional Analysis of the Fed Beef Economy, ERS-USDA, April 1966; Market Master Weekly and Monthly Livestock Letters, TARA, Inc, Lubbock TX.
Mbr: SAEA; WAEA.
Hon: Who's Who in America.

WILLIAMSON, Handy Jr., Room 101, Wilcox "A", Tuskegee Institute, AL 36088; PH 205-727-8327.
Asst Professor, Tuskegee Inst (03) 07, 08.
b. 1945 USA; M-1.
BS 1968 Alcorn St Univ; MS 1969 TN St Univ; MS 1971, PhD 1974 Univ of MO.
Fields: 031, 121, 118, 047.
Prev Emp: Res Asst, Univ of MO 1969-74; Res Investigator, Univ of AR 1971; Grad Asst, TN St Univ 1967-69.
Pub: Assessment of Health Needs in Alabama, Tuskegee Inst (AU Press) 1976; Demography of Disadvantage in Alabama, Tuskegee Institute (AU Press) 1975; Labor Turnover Among Displaced Agr Workers, Dissertation, Univ of MO 1974.
Mbr: NEA; SAEA; Smithsonian Natl Assoc.
Hon: Gamma Sigma Delta; Outstanding Young Men of America.

WILLIAMSON, Paul M., 4301 Tellowood, Austin TX 78731.

WILLIS, Cleve E., Food & Resource Econ, Univ of Massachusetts, Amherst MA 01002; PH 413-545-2490.
Assoc Prof, Univ of MA (03) 08, 07, 09.
b. 1942 California; M-2.
AB 1965 CA St Univ, Chico; MS 1967, PhD 1972 Univ of CA, Davis.
Fields: 021, 081, 084, 026.
Prev Emp: Asst Prof, Univ of MA, Amherst 1974; Asst Prof, CA St Univ, Chico 1969.
Pub: Land Value Research and Multicollinarity, CJAE 1975; Optimal Short Run Pricing Policies for a Public Campground, Jour of Leisure Research 1975.
Lang: Fr 2-2-2.
Mbr: AEA; ORS; Econometric.

WILLIS, Reed W., 283 N 1170 East, Logan UT 84321; PH 801-753-0791.
Self Employed (75) 07, 22, 11.
b. 1936 Utah; M-4.
BS 1962, MS 1965 UT St Univ; PhD 1970 CO St Univ.
Fields: 026, 021, 035, 062, 081.
Prev Emp: Post Doctoral Fellow, UT St Univ, Logan 1970-75; Res Asst, CO St Univ, Ft Collins 1967-70; Res Asst, PA St Univ 1965-67.
Pub: The Development of Supplemental Water: Resource Flexibility and Farm Management Options, UT St Univ 1974; Supplemental Water Development: A Measurement of Changes in Sectoral Income & Employment, UT St Univ 1975; Preliminary Indicators of Income/Wealth Redistribution Associated With Bureau of Reclamation Projects, UT St Univ 1973.
Hon: Omicron Delta Epsilon; Gamma Sigma Delta; UT-SFM&RA.

WILLMAN, David R., Drawer BB, Maxon TX 76856.

WILLS, Ian R., Dept of Economics, Monash Univ, Clayton, Victoria 3168 Australia.
Sr Lecturer, Monash Univ (03) 08, 07.
b. 1940 Australia; Citz: Australia; M-2.
BS 1962, MS 1965 Melbourne; PhD 1970 Univ of IL.
Fields: 073, 017.
Prev Emp: Asst Prof, Univ of British Columbia, Vancouver, Canada 1969-71.
Pub: Effect of Modern Inputs on Agricultural Income in Uttar Pradesh, AJAE 1972; Economy Theory and Sheep-Cattle Combinations, Australian JAE 1973.
Lang: Fr 3-0-0.
Mbr: CAES; Australian AEA, Co-Ed Jour 1974-76.

WILLS, Walter J., Agr Ind Dept, Southern Illinois Univ, Carbondale IL 62901; PH 618-453-2421.
Professor, Southern IL Univ (03) 08, 07, 09.
b. 1915 Illinois; M.
BS 1936, MS 1937, PhD 1952 Univ of IL.
Fields: 014, 018, 019, 073.
Prev Emp: Assoc Prof, WA St Univ, Pullman 1954-56; Dir, Farm Relations, Am Trucking Assoc, Washington DC 1953-54; Asst Prof, Univ of IL, Urbana 1947-53.
Pub: Introduction to Grain Marketing, Interstate 1972; Introduction to Agricultural Business Management, Interstate 1973.
Lang: Sp 2-3-0, Fr 2-3-0.
Mbr: AEA; IAAE.
Hon: Who's Who in America; Am Men & Women of Science; Community Leaders of Am; Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta.

WILMOT, Charles A., 7212 E Camino Valle Verde, Tucson AZ 85715; PH 602-885-9805.
Agr Econ, (76) 26.
b. 1921 Vermont; M-3.
BS 1949 Univ of VT; MS 1956, PhD 1975 Purdue Univ.
Fields: 014, 019, 015.
Prev Emp: Agr Econ, CED-ERS-USDA, Tucson AZ 1960-75; Agr Econ, Univ of AZ, Tucson 1957-60.
Lang: Fr 1-2-2, Ita 3-0-3.
Hon: Gamma Sigma Delta; Am Men & Women of Science.

WILSON, Arthur G., 400 - 177 Lombard Ave, Winnipeg, Manitoba, Canada R3B 0W5; PH 204-942-2254.
Res Dir, Canada Grains Council (70) 07, 19, 04.
b. 1922 Canada; Citz: Canada; M-2.
BSA 1949 Univ of Manitoba; MS 1952 Univ of MN; PhD 1968 Univ of Manitoba.
Fields: 014, 081, 101, 065.
Prev Emp: Assoc Prof, Univ of Sask 1965-71; Res Asst, Univ of Manitoba 1954-65; Self-Employed Farmer 1946-65.
Pub: Analysis of Feed Grains Marketing Policy, Canada Grains Council 1975; Model of Canadian Beef Cattle Section, AJAE 1972; Regional Livestock Production & Feed Freight Asst, CJAE 1969.
Lang: Fr 2-0-0.
Mbr: CAES; AEA.
Hon: Who's Who in America; Gold Medal in Econ, Fac of Agr 1949.

WILSON, Charles M., Suite 340, 222 South Riverside Plaza, Chicago IL 60606; PH 312-454-4900.
Dir, Corp Res, Ray E Friedman & Co (51) 15.
b. 1942 Tennessee; M-2.
BA 1964 Lambuth College; MS 1965, PhD 1968 Univ of TN.
Fields: 014, 015, 016, 018.
Prev Emp: Dir of Res, IA Beef Proc, Dakota City NE 1971-74; Sr Econ, Fed Reserve Bank, Dallas TX 1968-71.
Pub: The Cattle Feeding Industry, Fed Reserve 1969; Financing the Cattle Feeding Industry, Fed Reserve 1970.
Lang: Sp 3-3-0, Fr 2-3-0.
Mbr: AEA; Allied Science.

WILSON, David L., 3235 Federal Bldg, 125 South State Street, Salt Lake City UT 84138; PH 801-524-5063.
Agr Econ, ERS-USDA (16) 15, 19, 21.
b. 1933 Utah; M-4.
BS 1955, MS 1967 UT St Univ.
Fields: 021, 026, 038, 011.
Prev Emp: Agr Econ, USDA-ERS, Salt Lake City UT 1956-76.
Pub: Economic Appraisal of Increments of Irrigation Water, UT St Univ 1967.
Mbr: WAEA.

WILSON, Ewen M., Dept of Agr Economics, VPI & St Univ, Blacksburg VA 24061; PH 703-951-6461.
Asst Professor, VPI & St Univ (03) 09, 0
b. 1944 Kenya; Citz: USA; M-2.
BS 1965 London Univ; MS 1970 WV Univ; Ph 1973 NC St Univ.
Fields: 014, 018, 115, 116.
Prev Emp: Res Fellow, Univ of Rhodesia/ Natl Farmers Un, Salisbury 1973-74; Instr, NC St Univ, Raleigh 1973; Cons & Ext Off, Rhodesia Mins of Agr 1965-6
Pub: Rhodesian Constitution & Stability, Public Choice 1973; The Gold Standard Monetary Reform, SJAE 1973; Cost Analysis of Livestock Auctions, WV Agr Exp Sta Bull. 1971.
Lang: Swahili 2-2-1.
Hon: Gamma Sigma Delta; Rhodesia St Lottery Scholarship.

WILSON, Henry R., Brookside Farm Route 2 Nottingham PA 19362.

WILSON, James R., VPI & St Univ, Dept of Agr Economics, Blacksburg VA 24061.
Grad Student, VPI & St Univ (03) 23, 22.
b. 1951 Florida; U.
BS 1973 TX A&M Univ.
Fields: 024, 110, 159.
Prev Emp: Geochemical Tech, Shell Res & Devl, Houston TX 1974-75.
Lang: Fr 3-0-0.
Mbr: Natl Assoc of Underwater Instr; Phi Mu Alpha,Sec 1975 to date.

WILSON, Lowell E., Dept of Agr Econ & Rt Soc, Auburn Univ, Auburn AL 36830; PH 205-826-4800.
Professor, Auburn Univ (03) 08, 07.
b. 1929 Kentucky; M-2.
BS 1953 Murray St Univ; MS 1957 Univ of KY; PhD 1960 Univ of IL.
Fields: 014.
Pub: Full Time Hired Labor on Alabama Dairy Farms, AL Agr Exp Sta 1975.
Lang: Fr 3-3-0, Ger 3-3-0.
Mbr: AL Acad of Science.

WILSON, Paul N., Dept of Agr Economics, Univ of Arizona, Tucson AZ 85721; PH 602-884-1538.
Res Assoc, Univ of AZ (03) 07, 08.
b. 1948 California; M.
BS 1970 AZ St Univ; MS 1975 Univ of AZ.
Fields: 073,013, 012, 118.
Prev Emp: Instr, Univ of AZ, Tucson 197 Res Asst, Univ of AZ, Tucson 1974-75; Coop Ext, Peace Corps, Dominican Rep, 1970-73.
Lang: Sp 1-1-1.
Mbr: WAEA.

WILSON, Richard E., PO Box 917, Kansas City MO 64141; PH 816-968-3258.
Corp Budget Mgr, Butler Mfg Co (51) 15,
b. 1940 Missouri; M-1.
BBA 1969 Univ of MO, Kansas City.

Fields: 096, 093, 014, 016.
Prev Emp: Controller, Oswalt Div, Butler Mfg Co, Garden City KS 1971-74.
Mbr: Plng Exec Inst, V. Pres 1975-76, Pres 1976-77; Strategic Plng Inst.

WILSON, Robert R., Chf Div of Applied Econ, Room 2022, GSA Bldg, Washington DC 20405; PH 202-343-6365.
Supr Econ, Fed Preparedness Agency (36) 06,07, 15.
b. 1937 Texas; M-2.
3 years Univ of MN; MS 1965 Univ of MO; MS 1962, BS 1961 TX A&M Univ.
Fields: 081, 020, 060, 016.
Prev Emp: Econ, Dept of Interior, Washington DC 1973-76; Econ, Natl Defense Fisheries Serv, Washington DC 1972-73; Asst Prof, TX A&M Univ, College Station 1968-72.
Pub: Petroleum for U.S. Agriculture, AJAE 1975; Consumer Behavior Theory and Credit Card Purch, AJAE 1974; Constrained Est of Limited Jointly Endogenous Variable, Proc Bus & Econ Sect, ASA 1975.
Mbr: ASA.
Hon: Alpha Zeta; NDEA Fellow, Univ of MO; Univ of MN NSF Fellow.

WILSON, Thomas A., 205-E 42nd Street, New York NY 10017; PH 212-557-0343.
Market Adm, NY-NJ Mkt Admn Office (21) 40, 06.
b. 1929 Ohio; M-2.
BS 1955, MS 1957 OH St Univ; PhD Cornell Univ.
Fields: 014, 101.
Prev Emp: Adm Asst, OH Dairy Prod Assoc, Columbus OH 1956-58; Instr, OH St Univ, Columbus 1957-58.
Pub: Trade Practice Regulations (with special reference to the dairy industry) OH Agr Exp Sta, Wooster OH 1958.
Mbr: AEA; NEC.
Hon: Who's Who in New York Agriculture.

WINCH, Fred E. III, Intl Inst of Tropical Agr, Oyo Road, PMB 5320, Ibadan, Nigeria.
Agr Economist, Intl Inst of Tropical Agr (72) 07.
b. 1941 USA; M-2.
BS 1964 Cornell Univ; MS 1968 Univ of VT; PhD 1976 MI St Univ.
Fields: 073, 077, 011, 012.
Prev Emp: Grad Res Asst, Agr Econ, MI St Univ, E. Lansing 1974-75; Principal Agr Econ, Ministry of Agr, Ghana 1972-74.
Lang: Fr 2-0-0.

WINDHAM, William J., Box 2307, Univ of Arkansas, Fayetteville AR 72701; PH 501-575-2256.
Asst Professor, Univ of AR (03) 07, 08, 27.
b. Arkansas; U.
BS 1950 Univ of AR; MS 1951 KS St Univ.
Fields: 014, 018, 015.
Prev Emp: Asst Prof, Univ of AR 1958-75; Instr, Univ of AR 1951-58.
Mbr: SAEA.
Hon: Gamma Sigma Delta, Sec 1961-62.

WING, Kenneth E., 206 Winslow Hall, Univ of Maine, Orono ME 04473; PH 207-581-7427.
Professor, Univ of ME (03) 02, 07, 08.
b. 1937 New York; M-3.
BS 1958, ME 1960, PhD 1966 Cornell Univ.
Fields: 014, 093, 096.
Prev Emp: Lectr, Cornell Univ, Ithaca NY 1966; Grad Asst, Cornell Univ 1963-66; Res Asst, Cornell Univ 1960-63.
Pub: Comparative Staffing Units as a Measure of University Instructional Workload, CO St Univ 1975; Estimated Cash Flows & Profitability of Maine Broiler Farms, Univ of ME 1971; Central Market Pricing of Eggs, Cornell Univ 1966.
Mbr: NAEC, Exec Comm 1972 to date.
Hon: Alpha Zeta; Phi Kappa Phi; Fellow ACEAAIP.

WINN, John H., Dept of Economics, Soc Sci Bldg, CO St Univ, Fort Collins CO 80523; PH 303-491-6738.
Ext Assoc Prof, CO St Univ (03) 09, 08, 07.
b.1930 Texas; M-2.
BS 1952, MS 1955 TX A&M Univ; 1955-56, 1958-59 OK St Univ.
Fields: 014, 018, 073, 093.
Prev Emp: Vstg Prof, Monterrey Tech, Mexico 1970-71; Asst Prof, MT St Univ, Bozeman 1956-60.
Lang: Sp 2-3-3. Mbr: WAEA.

WINRAM, James Mills, BC Agricultural Consultants Ltd, 1678 W. Broadway, Vancouver BC Canada.

WIPF, Larry J., U.S. Dept of Labor, Bureau of Intl Labor Affairs, Washington DC 20210; PH 202-523-7610.
Intl Econ, USDL (14) 07, 18.
b. 1943 Minnesota; M-2.
BA 1964, MS 1966, PhD 1970 Univ of MN.
Fields: 110, 016, 135.
Prev Emp: Asst Prof, OH St Univ, Columbus 1969-74.
Pub: Reliability of Supply Equations Derived from Production Functions, AJAE 1969; Tariffs, Nontariff Distortions and Effective Protection in U.S. Agriculture, AJAE 1971; The Impact of West European Trade Strategies on Exports to Eastern Europe, European Econ Review 1975.
Mbr: AEA.

WIRTH, Myron E., Dept of Agr Economics, WA St Univ, Pullman WA 99163; PH 509-335-1308.
Professor, WA St Univ (03) 07, 08.
b. 1928 Michigan; M-8.
BS 1951, MS 1956, PhD 1964 MI St Univ.
Fields: 013, 012, 020.

WISE, John K., 214 Armsby Bldg, Dept of Agr Econ & Rural Soc, PA St Univ, University Park PA 16802; PH 814-863-0190.
Grad Res Asst, PA St Univ (03) 23, 07.
b. 1948 Texas; M.
BA 1970 Marietta College; MA 1972, 1973 to date PA St Univ.
Fields: 035, 065, 031, 033.
Prev Emp: Grad Res Asst, PA St Univ 1972.
Pub: A Cost Analysis of Day Care Centers in Pennsylvania, Institute for Study of Human Devl, PA St Univ 1973.
Lang: Sp 3-3-0.
Mbr: AEA; NAEC.

WISE, Michael L., Dept of Agr Econ, WA St Univ, Pullman WA 99163; PH 509-335-1190.
Grad Res Asst, WA St Univ (03) 23, 07.
b. 1947 Louisiana; D-2.
BS 1969 MS St Univ; 3 years WA St Univ.
Fields: 032, 026, 112, 156.
Prev Emp: Captain, US Army 1969-73.
Pub: Socioeconomic Effects of Major Construction Activities on Small Isolated Communities, Community & Human Resource Devl in the West 1974.
Lang: Fr 1-2-2.

WISEMAN, Wayne C., 215 North Knowles Avenue, New Richmond WI 54017; PH 715-246-6511.
General Mgr, Doboy Feeds Division, Domain Industries Inc (51) 10, 11.
b. 1937 North Dakota; M-4.
BS 1959 ND St Univ; MS 1967 Univ of MN.
Fields: 091, 095, 012, 013.
Prev Emp: Agr Econ, Domain Ind Inc, New Richmond WI 1968-70; Asst Ext Econ, Univ of MN, St Paul 1962-64; 1st Lt Adjutant, US Army Trans Corps, Charleston SC 1959-61.
Mbr: AMA; NAMA.

WISNER, Robert N., 468 East Hall, Iowa St Univ, Ames IA 50011; PH 515-294-6780.
Assoc Professor, IA St Univ (03) 09, 07.
b. 1939 Michigan; M-3.
BS 1962, MS 1964 MI St Univ; PhD 1967 Univ of TN.
Fields: 018, 014, 016.
Prev Emp: Res Asst, Univ of TN, Knoxville 1964-67; Res Asst, MI St Univ 1962-63.
Lang: Sp 2-0-0, Fr 3-0-0.
Hon: Gamma Sigma Delta; Omicron Delta Epsilon; Epsilon Sigma Phi.

WISSMAN, Donald J., Box 727, 200 Researc Drive, Manhattan KS 66502; PH 913-539-3565.
Vice President, Sr Econ, Devl Planning and Res Associates Inc (51) 07, 01.
b. 1937 Michigan; M-2.
BS 1959, MS 1965 MI St Univ; 1972 to date KS St Univ.
Fields: 015, 026.
Prev Emp: Res Asst, MI St Univ 1963-65; Sq Commander, US Air Force, Wurtsmith AFB, 1960-63; Exchange Student, IFYE, Australia 1959-60.
Pub: Impact of Water Pollution Control c Selected Food Industries, Natl Comm or Water Quality, NTIS 1976; Demand for Mexican Horticulture Products in Central U.S., Research Report for Govt of Mexico 1971; Economic Impact of Effluent Guidelines on Fruit & Vegetables, Meat Products, Dairy Processing, Leather Tanning Industries, EPA NTIS 1973-75.
Mbr: AEA; WEA.
Hon: Omicron Delta Epsilon; Who's Who ir KS; Entrance Scholarship, MI St Univ 1955-59; Natl V. Pres, IFYE Alumni Assoc of Am 1965; President IFYE Alumr Assoc of MI 1964.

WISSMAN, Roger A., 3800 Russell Road, Apartment C-11, Alexandria VA 22305.

WITHERS, Russell V., Dept of Agr Economi Univ of Idaho, Moscow ID 83843; PH 208 885-6262.
Professor & Agr Economist, Univ of ID ((08, 07.
b. 1933 Idaho; M-8.
BS 1957, MS 1959, UT St Univ; PhD 1962 Cornell Univ;1951-54 Ricks College.
Fields: 012, 022, 071.
Prev Emp: Grad Asst, Cornell Univ, 1958-61; Grad Asst, UT St Univ 1957-58.
Pub: Using Warm Water for Food and Fores Production, Univ of ID 1974; Economics of Sugarbeet Production, ID Agr Exp Sta 1970; Agricultural Leases and Farr Tenure, ID Agr Exp Sta 1974.
M br: WAEA; ID-SFM&RA.
Hon: Am Men & Women of Science; Phi Kapp Phi; Alpha Zeta; Wade Award for Tchg.

WITT, Eric N., Economics & Sector Planning, AID, Department of State, Washington DC 20523; PH 202-632-7933.
Agr Economist, U.S. Government (24) 03, 19, 22.
b. 1941 Iowa; U.
BA 1962 MI St Univ; MS 1974 Univ of HI.
Fields: 070, 022, 024.
Lang: Samoan 0-0-2.

WITT, Lawrence W., INR-REC, Department c State, Washington DC 20250; PH 202-632-8600.
Foreign Affairs Econ, Anal, U.S. Dept of State (26) 07, 19, 15.

b. 1914 Illinois; M-2.
BS 1937 Univ of WI; MS 1939 IA St Univ; 1939-40 Univ of Chicago; PhD 1941 IA St Univ.
Fields: 017, 112, 073, 077.
Prev Emp: Prof, MI St Univ 1947-73; Agr Econ, Agency for Intl Devl, Washington DC 1970-72;Agr Econ, USDA, Washington DC 1943-47.
Pub: Agriculture in Economic Development, McGraw-Hill 1964; Effects of U.S. Agricultural Surplus Disposal Programs MI Agr Exp Sta 1965; Agricultural Sector in Venezuela, Intl Bank for Recon & Devl 1976.
Lang: Sp 1-2-1, Por 1-2-1.
Mbr: AEA; SID; CAES.
Hon: Who's Who in America; Dir of Am Scholars; Am Men & Women of Science; Distinguished Prof, MI St Univ; Travel Grant, Soc Sci Res Council.

WITUCKI, Lawrence A., Department of Agriculture, ERS, Washington DC 20250; PH 202-447-5088.
Agr Econ, ERS-USDA (16) 15, 22, 07.
b. 1933 Wisconsin; M-2.
BS 1955 River Falls WI; PhD 1967 Univ of WI; 1 year Northwestern Univ.
Fields: 070, 073, 118, 017.
Prev Emp: Agr Planner, USAID, Kenya 1970-74; Agr Econ, USDA-ERS, Washington DC 1967-69.
Pub: How Greece Developed Its Agriculture 1947-67, Washington DC 1971; The Transformation of Agriculture in Northern Sudan, Dissertation 1967.
Lang: Fr 2-0-0, Sp 3-0-0.
Mbr: AEE.
Hon: Who's Who in Am Colleges & Universities; US Navy Expert Mdeal.

WOHLGENANT, Michael K., Department of Agr Economics, Voorhies Hall, Univ of California, Davis CA 95616.

WOLF, Kenneth, P O Box 9212, College Station TX 77843.

WOMACK, Abner W., 500 South 12th Street, Washington DC 20250; PH 202-447-8444.
Agr Economist, USDA-ERS (16) 07.
b. 1939 Alabama; M.

WONDWOSEN, Meseele, Box 30445, Addis Ababa, Ethiopia.

WOOD, Arthur W., Dept of Agr Economics, Univ of Manitoba, Winnipeg, Manitoba, Canada R3T 2N2; PH 204-474-9259.
Dept Head, Univ of Manitoba (03) 02, 18, 08.
b. 1918 Canada; Citz: Canada; M-3.
BA 1951, BS 1951, MS 1952, Univ of Saskatchewan; PhD 1956 Stanford Univ.
Fields: 014, 104, 017.
Prev Emp: Econ, Canada Dept of Labor, Ottawa 1955; Census Supr, Canada Bureau of Statistics, Winnipeg 1951.
Pub: Market Margins for Beef, Univ of Manitoba 1959; Marketing of Milk, Macdonald College 1961; Livestock Marketing in Manitoba, Govt of Manitoba 1964.
Lang: Fr 2-3-3, Sp 3-3-3.
Mbr: MIA, President 1965-66; CAUT V. President 1964-65; CAES, V. President 1961-62.
Hon: Governor Generals Gold Medal 1951, H.B. Earhart Fellowship 1954.

WOOD, Lowell D., 475 WIDB, Provo UT 84601; PH 801-375-1211.
Assoc Professor, Dept Chairman, Brigham Young Univ (03) 08, 03, 02.
b. 1933 Canada; M-5.
BS 1961 Brigham Young Univ; MS 1966 MT St Univ; PhD 1969 Univ of CA, Berkeley.
Fields: 040, 013, 020, 030.
Pub: Teaching Agriculture for General Education,Jour of Animal Science 1972; The American Economic System, Brigham Young Univ Press 1974; Applying the Ten Percent Investment Credit in Agriculture, Brigham Young Univ Agr Econ Staff Paper No. 11, 1975.
Lang: Fr 3-3-0, Sp 3-3-0.
Mbr: WAEA.
Hon: Phi Kappa Phi; Am Men & Women of Science; Community Leaders of Am; Outstanding Educators of America.

WOOD, William W. Jr., AES Bldg, Univ of California, Riverside CA 92502; PH 714-787-3326
Economist, Univ of CA, Riverside (03) 09, 02, 08.
b. 1929 California; M-5.
BA 1951 Occidental; MS 1963, PhD 1965 Univ of CA, Berkeley; 1959-61 Univ of CA, Davis.
Fields: 020, 030, 067, 156.
Prev Emp: Asst Mgr, Fed Mktg Order, Sacramento CA 1952-61.
Lang: Sp 2-3-3.

WOODARD, A. W., PO Box 391, Little Rock AR 72203; PH 501-376-6301.
Ext Mktg Spec, Univ of AR (03) 09.
b. 1920 Tennessee; M-4.
BS 1947, MS 1954 Univ of TN; PhD 1960 MI St Univ.
Fields: 014, 018.
Prev Emp: Ext Econ, Univ of TN 1950-62.
Lang: Fr 3-0-0.

WOODS, W. Fred, Ext Service, USDA, Washington DC 20250; PH 202-447-2124.
Public Policy Spec, ES-USDA (17) 09, 18.
b. 1937 Alabama; M-5.

BS 1960, MS 1961 Auburn Univ; 1971-73 Am Univ.
Fields: 017, 137.
Prev Emp: Agr Econ, ERS-USDA, Washington DC 1969-75.
Pub: Tax Loss Farming (ERS-546) ERS-USDA Washington DC 1974; The Value Added Tax and American Agriculture (ERS-540) ERS USDA, Washington DC 1974; Increasing Impact of Federal Est Taxes on Farm Sector, ERS USDA, Washington DC 1973.
Mbr: NTA.

WOODSON, James D. Jr., PO Box 9098, Phoenix AZ 85021; PH 602-944-8646.
Sr Partner, Woodson Del Gadillo & Jacques (51) 05, 11, 22.
b. 1946 Texas: U.
BS 1968 AZ St Univ; MS 1970 Am Graduate School of Intl Mgmt.
Fields: 091, 113, 014, 012.
Lang: Sp 2-3-3.
Mbr: AEA; AMA.

WOODWORTH, Roger C., Agr Resource Devl Branch, F-122 NFDC, Muscle Shoals AL 35660; PH 205-383-4631.
Agr Economist, Tennessee Valley Authority (35) 07, 22, 20.
b. 1925 New Hampshire; M-3.
BS 1948 Univ of NH; MS 1951, PhD 1954 IA St College.
Fields: 011, 020, 040, 030.
Prev Emp: Assoc Agr Econ, Univ of GA 1953-61.
Pub: Supplying Fertilizers for Zaire's Agricultural Development, TVA 1976; Profitable Use of Fertilizer in the Production of Coastal Bermuda in the Coastal Plain Area of Georgia, Univ of GA 1957; Middle East Study: Analysis of Alternative Goals in Irrigation Agriculture With Special Reference to Agro Industrial Complexes in Egypt, Oak Ridge TN 1970.
Mbr: IAAE; CDS. Lang: Fr 2-3-3.
Hon: Am Men & Women of Science; Thesis Award AAEA 1954.

WOOLF, Willard F., Dept of Agr Economics, LA St Univ, Baton Rouge LA 70803; PH 504-388-3283.
Professor, LA St Univ (03) 07, 08.
b. 1916 USA; M.
BS 1955 AR St Univ; MS 1957, PhD 1961 LA St Univ.
Fields: 011, 012.
Prev Emp: Instr, LA St Univ 1957-58; Mgr, Self-Employed, Greenway AR 1935-51.
Pub: Optimal Farm Plans..Louisiana Cotton, Baton Rouge LA 1960; Rice Material Reg, Louisiana, Baton Rouge LA 1957.
Mbr: SAEA; LA-EFC; LTA.

WORDEN, Gaylord E., Room 446, 500 12th Street SW, Washington DC 20250; PH 202-447-8824.
Director, Data Services Center, ERS-USDA (16) 06, 07, 14.
b. 1937 Iowa; M-3.
BS 1959, MS 1965, PhD 1970 IA St Univ.
Fields: 011, 013, 017, 083.
Prev Emp: Dep Dir, NEAD-ERS-USDA, Washington DC 1973-74; Br Chief, Agr Fin Br, ERS-USDA, Washington DC 1971-73; Agr Econ, ERS-USDA, Ames IA & Washngton DC 1966-71.
Pub: Selected U.S. Crop Budgets-North Central Region, ERS USDA (ERS 458) 1971 Soybeans Will Problems Lead to Programs, Farm Science Vol 24, IA St Univ 1969.
Mbr: ASPA.

WORKMAN, Herman E., 224 Mumford Hall, Dept of Agr Economics, Univ of Missouri Columbia MO 65201; Ph 314-882-2617.
Professor, Univ of MO (03) 09, 20.
b. 1926 Arkansas; M-2.
BS 1953 Univ of AR; MS 1966, PhD 1967, OK St Univ.
Fields: 012, 011, 013.
Prev Emp: Agr Dir, State Sanitorium, Arkansas 1958-60; County Ext Agt, Ext Service, Arkansas 1953-57, 1960-63.
Pub: UMC Science & Technology Guides, Columbia MO 1968-75; Farm Planning Handbook, Columbia MO 1975.
Hon: Phi Kappa Phi; Epsilon Sigma Phi; Gamma Sigma Delta.

WORKMAN, John P., Dept of Range Science, UT St Univ, Logan UT 84322; PH 801-752-4100.
Assoc Professor, UT St Univ (03) 07, 08.
b. 1943 Oregon; M-2.
BS 1965 Univ of WY; MS 1967, PhD 1970 UT St Univ.
Fields: 026, 011, 159.
Prev Emp: Asst Prof, UT St Univ, Logan UT 1970-75.
Pub: Cost-Size Relationships of Utah Cattle Ranches, Jour Range Mgmt 1972; Cost of Time in Demand Estimates for Non-Market Resources, Jour Leisure Research 1975; Economics of Fertilization of Rangelands, Jour Range Mgmt 1974.
Lang: Sp 3-0-0.
Mbr: SRM, Sec-Treas, UT Sect 1972; WAEA; AAAS.
Hon: Who's Who in America; Who's Who in West; Am Men & Women of Science, Outstanding Educators of America; Outstanding Young Men of America 1972; Sigma XI, Xi Sigma PI.

WORSECK, Raymond A., One North Jefferson, St Louis MO 63103; PH 314-289-3646.
Dir of Commodity Research, A.G. Edwards & Son (51) 07.
b. 1937 Rhode Island; M.
BS 1959, MA 1970 St Louis Univ.
Fields: 016, 018, 115, 131.
Prev Emp: Sr Price Analyst, Doane Agr Service, St Louis 1967-69; Dir, Basic Research, Longstreet-Abbott & Co, St. Louis 1959-67.

WRIGHT, Bruce H., Dept of Agr Economics, Purdue Univ, W Lafayette IN 47906; PH 317-494-8691.
Agr Econ, Purdue Univ (16) 07.
b. 1936 Illinois; M-2.
BS 1958, MS 1959 Univ of IL; PhD 1968 IA St Univ.
Fields: 014, 102.
Prev Emp: Sr Econ, Chicago Board of Trade 1972-73; Econ, Fed Res Bank of Chicago 1959-60.
Mbr: AEA.
Hon: Gamma Sigma Delta; Omicron Delta Epsilon.

WRIGHT, Charles L., Agr Adm Bldg, 2120 Fyffe Road, Columbus OH 43210; PH 614-422-6731.
Res Assoc, Grad Student, OH St Univ (03) 23, 07, 08.
b. 1945 Michigan; M-1.
AB 1968 Univ of MI; MS 1973 Esalql Univ of Sao Paulo; 1973 to date, OH St Univ.
Fields: 019, 073, 037, 081.
Prev Emp: Peace Corps Volunteer, Brazil 1968-72.
Pub: Aspectos Economicos de Adubacao em Culturas Annais, Esalqlusp, Piraicaba, Brazil 1973; Aspectos Economicos da Agricultura Na Regiro de Ribeirao Preto SP, Esalqlusp, Piracicaba, Brazil 1973.
Lang: Por 1-1-1, Sp 1-1-1.
Hon: Gamma Sigma Delta; Delta Phi Epsilon, VP 1966-67; Phi Beta Kappa; James B Angell Scholar, Univ of MI; University Fellow, Ohio St Univ.

WRIGHT, Karl T., Dept of Agr Economics, MI St Univ, East Lansing MI 48824; PH 517-355-1809.
Professor Emeritus, MI St Univ (03) 07, • 19, 22.
b. 1901 Illinois; M-2.
BS 1924, MS 1929 Univ of IL; PhD 1940 Cornell Univ.
Fields: 073, 077, 012, 017.
Prev Emp: Assoc to Dir, Inst of Intl Agr, MI St Univ 1975; Agr Anal & Cons, Korean Mins of Agr, MI St Univ, Seoul, Korea 1974; Asia Found, U.S. Cons to Asian Productivity Org, Tokyo, Japan 1973.
Pub: Planning for Agricultural Area Development...the Asian Experience, Tokyo, Japan 1974; Korean Agr Data System: Review & Recommendations, MI St Univ/Korean M of A 1974; Michigan's Agriculture, MI St Univ 1974.
Mbr: IAAE; BES; AFM&RA.
Hon: Am Men & Women of Science; Who's Who in the Midwest; Phi Kappa Phi; Distinguished Teacher in Agr, Hon Chairman Michigan Intl 4-H Assoc.

WRIGHT, Paul L., 1401 Walter Avenue, Fremont OH 43420; PH 419-332-1594.
Area Ext Agt Farm Mgmt, OH Coop Ext Service (03) 09.
b. 1938 Ohio; M-2.
BS 1960, MS 1970 OH St Univ; 1975 to date, Univ of Toledo.
Fields: 012, 159.
Prev Emp: County Ext Agt, OH Coop Ext Serv, Wilmington OH 1960-64.
Pub: The Latest on Machine Harvesting of Processing Tomatoes in Ohio, OH St Univ 1972; Guidelines for Forming a Farm Partnership Series II, Bull 551, OH St Univ 1972; Planning Now for Later Retirement..A Comparison of Tax Sheltered Plans With Alternative Investment Opportunities, Mimeo, OH St Univ 1975.
Mbr: OH Coop Ext Assoc, 1st Vice President 1974-75, 2nd Vice President 1973-74.
Hon: Epsilon Sigma Phi.

WU, Craig Chi-Yen, PO Box 1247, Huntsville AL 35807; PH 205-895-6280.
Asst Professor, Univ of AL (03) 08, 07.
b. 1932 China; M-2.
BA 1955 Natl Taiwan Univ; MA 1966, PhD 1971 Vanderbilt Univ.
Fields: 062, 081, 073, 041.
Prev Emp: Asst Lecturer, Chinese Univ of Hong Kong 1967-69.
Pub: A Recursive Model of Consumption, AJAE 1975.
Lang: Chinese; Other: Eng 1-1-1.
Mbr: AEA; SEA; WEA; EEA; ES.

WUNDERLICH, Gene, ERS, GHI Bldg 408, USDA, Washington DC 20250; PH 202-447-8307.
Sr Agr Econ, USDA (16) 07.
b. 1928 North Dakota; M-2.
MS 1951, PhD 1955 IA St Univ; 1953-54 Bombay Univ; 1966-67 Yale Univ.
Fields: 022, 030, 060.
Prev Emp: Econ Advisor, AID, India 1970; Chief, Res Inst Br ERS-USDA, Washington DC 1961-66.
Pub: Methods for Land Econ Research 1966; Perspectives of Property 1971; Property Rights and Information, The Annals 1974.
Lang: Ger 3-0-0, Hindi 0-0-3.
Mbr: AEA; AFEE; ISAE.
Hon: Am Men & Women of Science; Fulbright Scholarships (2).

WYCKOFF, Jean B., Dept of Agr & Res Econ, 240 Ext Hall, Oregon St Univ, Corvallis OR 97331; PH 503-754-1821.
Professor, Coord Ext Econ, OR St Univ (03) 02, 09, 08.
b. 1932 Kansas; M-3.
AA 1951, Taft Jr College, CA; BS 1953, MS 1957 OR St Univ; PhD 1963 WA St Univ.
Fields: 017, 021, 031, 112.
Prev Emp: Prof & Head, Dept of Agr & Food Econ, Univ of MA 1966-71; Assoc Prof & Chairman, Div of Agr Econ & Educ, Univ of NV, Reno 1964-66; Mgr, Market Res Dept, Am Sheep Producers Council, Denver CO 1963-64.
Lang: Sp 3-0-0.
Mbr: NAEA; WAEA; IAAE.
Hon: Who's Who in Am; American Men & Women of Science; Natl Register of Prominent Americans & Intl Notables; WAEA Outstanding Ext Prog 1973; Fac Res Grant to Study USSR Agr Planning 1970; Travel Grant to IAAE 1967.

WYMBS, Clifford, 109 Sunrise Terrace, Apartment 1-A, State College PA 16801.

WYSONG, John W., Dept of Agr & Res Econ, Univ of MD, College Park MD 20742; PH 301-454-3806.
Professor, Univ of MD (03) 07, 08, 02.
b. 1932 Maryland; M-1.
BS 1953 Cornell Univ; MS 1954 Univ of IL, Urbana; PhD 1957 Cornell Univ; Pos Doctoral 1963-64 Univ of CA, Berkeley.
Fields: 012, 013, 073, 122.
Prev Emp: Assoc Prof, Univ of MD 1962-67 Faculty Res Associate, Univ of CA, Berkeley 1963-64; Asst Prof, Univ of MD 1956-62.
Pub: An Evaluation of Dairy Farm Adjustment Potentials Using Cross-Sectional and Time Series Analysis, Univ of MD 1973; Role of Maryland and the Northeast in U.S. Farm Output, Univ of MD 1975; Growth & Development of the U.S. Artificial Breeding Industry, Univ of MD, July 1975.
Lang: Fr 2-3-3, Sp 3-3-0.
Mbr: IAAE; AEA.
Hon: Dir of Am Scholars; Phi Kappa Phi; Gamma Sigma Delta. Am Men & Women of Science.

YAGER, Laurence L., San Andros PO, Bartad, Andros Island, Bahamas; PH 809-328-2525.
Asst Prof/ Chief of Party, PA St Univ-Bahamas Agr, Res Training & Devl Proj (03) 07, 09, 22.
b. 1932 Pennsylvania; M-4.
BS 1960 Cornell Univ; MS 1964 PA St Univ.
Fields: 014, 012, 053, 073.
Prev Emp: Ext Mktg Agent, PA St Univ, Gettysburg PA 1964-74; Farm Mgmt Spec, PA St Univ, University Park 1962-64; Grad Asst, PA St Univ, 1960-62.
Hon: Sigma Epsilon Phi.

YAMAGUCHI, Mitoshi, Faculty of Econ, Kobe Univ, Kobe City, Japan; PH 078-881-1212.
Assoc Professor, Kobe Univ (03) 07, 08.
b. 1943 Japan; Citz: Japan; M.
BS 1967, MS 1969 Kyoto Univ; PhD 1973 MN Univ.
Fields: 017, 047, 072, 073.
Pub: The Role of Sectoral Technical Change in Development: Japan 1880-1965, AJAE, May 1975.
Lang: Japanese; Other: Eng 1-1-1, Ger 2-3-3.

YAMASHITA, Mitsugi, Asian Statistical Inst, Akasaka, PO Box 13, Tokyo 107 Japan; PH 03-357-8351.
Deputy Director, United Nations (65) 01, 08.
b. 1915 Japan; Citz: Japan; M-2.
LLB 1940 Tokyo Univ; 1951-52 St Univ of WI.
Fields: 017, 073, 077.
Prev Emp: Res Adv, Intl Devl Centre of Japan, Tokyo 1972-73; Dir, FAO/ESCAP Agr Div, Bangkok, 1963-72; Deputy Dir, Plng Bureau, Econ Plng Agency, Tokyo 1959-61.
Lang: Japanese; Other: Eng 1-1-1.
Mbr: Japan Econ Res Centre.

YAMAUCHI, Hiroshi, Dept of Agr & Res Econ, College of Tropical Agr, Honolulu City HI 96822; PH 808-948-8865.
Assoc Professor, Univ of HI-Manoa (03) 07, 08, 18.
b. 1932 Hawaii; M-1.
BS 1955, BS 1964 Univ of HI-Manoa; PhD 1968 Univ of CA, Berkeley.
Fields: 026, 021, 022, 081.
Prev Emp: Dep Dir, Water Resources Res Center, Univ of HI 1973-74.
Pub: Water Demand in Honolulu, Univ of HI 1974; Water Distribution in Hawaii, Univ of HI 1975; Hawaii's System of Water Rights, Univ of HI 1975.
Mbr: IAEA; WAEA.
Hon: Am Men & Women of Science.

YANAGIDA, John F., 408 E Stoughton, Apartment #10-A, Champaign IL 61820.

YANKEY, J. Bernard, PO Box 408, Wildey, St Michael, Barbados, West Indies; PH 61152.
Agr Econ, Carribbean Devl Bank (67) 19, 15, 22.
b. 1935 West Indies; Citz: West Indies; M-2.
BS 1959 Univ of W. Indies; MS 1966, PhD 1968 Univ of WI, Madison.
Fields: 014, 017, 012, 063, 111, 155.
Prev Emp: Acting Head, Econ & Proj Anal Div, CD Bank, Barbados, 1973-74; Chf Agr Adv, Govt of Dominica 1966-72; Agr Off, Govt of Dom, 1959-63.
Pub: A Study of the Situation in Agriculture and the Problems of Small Scale Farming, Dominica, PhD Thesis Univ of WI 1968; An Operational Manual for Project Appraisal, Carribean Devl Bank, Barbados 1974; A Preliminary Study of Costs and Returns for Some Commercial Crops, Dominica 1968.
Lang: Fr 1-2-2, Sp 2-3-3.
Mbr: IAAE; SID; Carribbean AES, President 1974 to date.
Hon: Personalities Carribbean.

YATES, Geoffrey C., Miner Inst, Chazy NY 12921; PH 518-846-7113.
Reg Ext Spec, Coop Ext (NY) Cornell Univ (03) 07, 11.
b. 1952 England; Citz: UK; M.
Assoc 1973 Seale-Hayne Agr College, Devon, England; MS 1975 Cornell Univ-Ithaca NY.
Fields: 012, 013, 011, 018.
Prev Emp: Res Asst, Cornell Univ, Ithaca NY 1974-75; Teaching Asst, Cornell Univ 1973-74.
Lang: Fr 2-3-3.
Mbr: NY Assoc of Co Agr Agents.

YAW, William H., 207 Hill Arcade Bldg., Galesburg IL 61401; PH 309-343-5109.
Agr Consultant, Self-Employed (51) 19, 10, 15.
b. 1921 Iowa; M-4.
BS 1943 IA St Univ; Harvard Grad Bus School 1945; U.S. Air Force Stat Control School, Harvard Univ; MS 1948 Purdue Univ.
Fields: 011, 014, 017, 022.
Prev Emp: Assoc, The Farm Clinic, Lafayette IN 1948-51; Grad Asst, Purdue Univ, Lafayette IN 1946-48.
Pub: The Relationship of Farm Bldg Req to Roughage Handling Methods, MS Thesis, Purdue Univ 1948; The Outlook on Farm Building Design, Agr Eng Vol 36, 1955; Management Constraints on Inputs for Maximum Productivity in Agriculture, Agr Eng 1975.
Mbr: ASAE; NPA.
Hon: Who's Who in Midwest; Men of Distinction (England).

YEAGER, Joseph H., Comer Hall, Auburn Univ, Auburn AL 36830; PH 205-826-4800.
Head of Dept, Auburn Univ (03) 02, 08, 07.
b. 1920 Alabama; M-3.
BS 1943, MS 1948 Auburn Univ; PhD 1951 Purdue Univ.
Fields: 012, 013.
Prev Emp: Asst in Agr Econ, Purdue Univ, Lafayette IN 1950-51; Grad Res Asst, Purdue Univ, Lafayette IN 1948-50; Grad Res Asst, Auburn Univ, Auburn AL 1946-48.
Pub: Farm Business Mangement (Book) Auburn AL 1962; Financing Rural Homes (Bulletin) Auburn AL 1961; Farm Management Concepts and Principles (book) Auburn AL 1961.
Mbr: SAEA; AAS; ASFM&RA.
Hon: Sigma Chi; Phi Kappa Phi; Gamma Sigma Delta; Who's Who in America.

YEBOAH, Albert O., Dept of Agr Economics, OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Student, 23.
b. 1948 Ghana; Citz: Ghana; U.
BS 1973 Univ of Ghana; MS 1976 Univ of Guelph.
Fields: 014, 017, 081, 062.
Prev Emp: Res Asst, Univ of Guelph, 1975; Res Asst, Univ of Ghana, Legon, 1973; Student Trainee (Water Div) Haifa, Israel 1972.
Pub: Stabilizing Effects & Economic Benefits of Alternative Pork Stabilization Programs, MS Thesis 1975.
Lang: Akan; Other: Eng 1-1-1, Fr 2-2-3.
Hon: Univ of Ghana Scholarship (173).

YEH, Chung Jeh, 4803 King Solomon Drive, Annandale VA 22003.

YEH, Martin H., Dept of Agr Economics, Univ of Manitoba, Winnipeg, Manitoba, Canada R3T 2N2; PH 204-474-9778.
Full Professor, Univ of Manitoba (03) 08, 07, 15.
b. 1928 China; Citz: Canada; M-3.
BS 1951 Natl Taiwan Univ; MS 1955 MI St Univ; PhD 1958 IA St Univ.
Fields: 081, 069, 073, 075.
Prev Emp: Assoc Prof, Univ of Manitoba 1964-75; Asst Prof, Univ of Manitoba 1959-64.
Pub: Technological Change in the Canadian Livestock Industry, CJAE 1969; The Labor Market With Particular Reference to Canadian Agriculture, JFE 1967; Premium Ratemaking in All Risk Crop Insurance Program, JFE 1966.
Lang: Chinese; Other: Sp 2-2-2, Eng 1-1-1.
Mbr: ES; IAEA; CAES.
Hon: Who's Who in Am; Dir of Am Scholars; Am Men & Women of Science; Canadian Council's Sr Fellowship.

YEUTTER, Ray O., 3215 South Pennsylvania, Lansing MI 48910; PH 517-373-3636.
Crop Area Supr, MI Employment Sec Corp (40) 19, 09, 06.
b. 1925 Michigan; M-3.
BS 1950, MS 1955 MI St Univ.
Fields: 046, 012.
Prev Emp: Supr, MI Employment Sec Comm, Lansing 1953-56; Labor Mkt Anal, MI Empl Sec Comm, Detroit 1951-53.

YING, Tao J., 4109 54th Street, Woodside NY 11377.

YODER, Steven D., D&P, Foreign Mkt Div/ FAS,14th & Independence SW, Washington DC 20250; PH 202-447-2208.
FAS-USDA (18) 06, 19, 11.
b. 1945 Indiana; M-2.
BA 1971, MS 1972 OH St Univ; Certificate 1972-73 Christian-Albrecht Univ, Kiel, Germany.
Fields: 110, 113, 076, 121.
Prev Emp: Econ Devl Asst, Weltfriedensdienst, Gambia, W. Africa 1973-74; Fulbright Scholar, U.S. Govt, Kiel, Germany 1972-73; Res Asst, OH St Univ, Columbus OH 1971-72.
Res Asst, OH St Univ, Columbus 1971-72.
Pub: A Study of Factors Associated With Labor Intensive Farming in Southern Brazil, MS Thesis, OH St Univ 1972.
Lang: Ger 1-1-1, Fr 3-0-3.

YOKELL, Michael D., Dept of Economics, WA St Univ, Pullman WA 99163; PH 509-335-6651.
Asst Professor, WA St Univ (03) 07, 08.
b. 1946 New York; M.
1964-66 Cornell Univ; BS 1968 MIT; MA 1973; PhD 1975 Univ of CO.
Fields: 026, 060, 020, 080.
Prev Emp: Instr, Univ of CO, Boulder 1974.
Pub: Distributive Shares Economic Class and the Distribution of Income in the U.S. 1922-71, PhD Dissertation 1975; The Optimal Use of Non-Renewable Energy Resources, AAAS, Feb 1975.
Lang: Sp 2-3-2, Rus 3-3-2.
Mbr: AEA; WEA; NABE.

YON, Bernard, BP 105, Cergy, France 95300; PH 464-2471.
Assoc Professor, Ecole Sueprieure des Sciences Econ & Comm (03) 08, 07.
b. 1942 France; Citz: France; M-3.
Ingenieur 1966 Angers Agr College; Diplome 1968 ESSEC (Paris); MS 1970, PhD 1972 Cornell Univ.
Fields: 095, 101.
Prev Emp: Chf de Produit, Fromageries BEL, Paris 1968-69; Dean of Faculty, ESSEC, Paris 1972-74.
Pub: LeComportement Mktg de l'Entreprise, Dunod (Paris) 1976; Mktg Agro-Alimentaire, Dalloz-Gestion (Paris 1976.

Lang: French; Other: Fng 1-1-1.
Mbr: AIR; EAASM.

YOO, Jack T., 452-1 Jeungnung 2 Dong, Seoul, Korea.

YORK, John C., 6567 Kinne Road, Syracuse NY 13214.

YOSHIDA, Juichi, Dept of Agr Economics, Shiga College of Agr, Kusatsu, Shiga, 525, Japan.
Assoc Professor, Shiga College of Agr (03) 08.
b. 1935 Japan; Citz: Japan; M-3.
MA 1965 Kyoto Univ.
Fields: 017, 014.
Prev Emp: Res Assoc, Kyoto Univ 1965-73.
Pub: Maximization of Social Welfare and Agricultural Protection Policy, Jour of Rural Problem 1972; Theory of Market Information in Agricultural Adjustment, Jour of Rural Econ 1975.
Lang: Japanese; Other: Eng 1-1-1, Ger 1-1-1.

YOST, Larry E., Route 2, Box 207-B, Morgantown WV 26505.

YOTOPOULOS, Pan A., Food Res Institute, Stanford Univ, Stanford CA 94305; PH 415-497-3129.
Professor, Stanford Univ (03) 08, 07, 10.
b. 1933 Greece; Citz: USA; M-2.
BA 1956 Univ of Athens; MA 1957 Univ of KS; PhD 1962 UCLA.
Fields: 011, 017, 073, 112.
Prev Emp: Dir, Econ Res Center, Univ of HI, Honolulu 1967; Dir, Center of Plng, Athens 1963-65.
Pub: Economics of Development: Empirical Investigations, New York 1976; Allocative Efficiency in Econ Development, Athens 1967; Surplus Labor in Greek Agriculture, Athens 1962.
ang: Greek; Other: Fr 2-3-2, Ita 2-3-2.
br: AEA; Econometric; RES-UK.
on: Who's Who in America; Intl Who's Who; Am Men & Women of Science; AAEA Award, Published Res 1969; Fulbright 1956; East-West Center Sr Fellow 1974.

OUMANS, Russell C., Dept of Agr & Res Econ, Oregon St Univ, Corvallis OR 97331; PH 503-754-2942.
ssoc Professor, OR St Univ (03) 09, 07, 08.
. 1936 Illinois; M-3.
S 1958 Univ of IL; MS 1962, PhD 1966 Purdue Univ.
ields: 030, 035, 020, 032.
ub: Economic Change on a Coastal Economy, Agr Exp Sta, OR St Univ 1973; Structure of a Timber County Economy, Agr Exp Sta, OR St Univ 1973; Econ Impact of Public Investment, WRRI, OR St Univ 1975.
Lang: Por 1-0-2.
Mbr: WAEA; Community Devl Soc.

YOUNG, Alan M., Res Dept, Station K, Dallas TX 75222; PH 214-651-6372.
Economist, Fed Reserve Bank of Dallas (33) 07, 15.
b. 1950 Texas; U.
BS 1973, MS 1975 TX Tech Univ.
Fields: 013, 132, 012, 011.
Prev Emp: Res Asst, TX A&M Univ, Lubbock 1974-75.
Pub: Economic Analysis of Trickle Distribution Systems for Producing Cotton and Sorghum in the Texas High Plains, TX Tech Univ 1975; Farm and Ranch Bulletin, Fed Reserve Bank of Dallas, Oct 1975 to date (monthly).
Lang: Sp 3-3-3.
Mbr: AEA.
Hon: Phi Kappa Phi; Omicron Delta Epsilon.

YOUNG, Chester E., Inst for Res on Land and Water Resources, PA St University, University Park PA 16802; PH 814-863-0148.
Agr Econ, Natural Res Econ Div-ERS-USDA, (16) 07.
b. 1948 Pennsylvania; M-1.
BA 1970 Westminster College; ME 1971, PhD 1974 NC St Univ.
Fields: 026, 021, 081, 032.
Prev Emp: Res Asst, NC St Univ, Raleigh 1973-74; Instr, Meredith College, Raleigh NC 1973.
Pub: Factors Affecting Adoption of Land Treatment of Municipal Wastewater, Water Res Research 1975; Comparative Costs of Municipal Wastewater Treatment, Jour of NAEC 1975; Land Treatment Versus Conventional Advanced Treatment of Municipal Wastewater, Jour of Water Pollution Control Federation 1975.
Mbr: AEA; NAEC.

YOUNG, Douglas L., Dept of Agr Economics, OR St Univ, Corvallis OR 97331; PH 503-754-2942.
Res Asst, OR St Univ (03) 23, 07.
b. 1946 Oregon; M-1.
BA 1968, PhD 1976 OR St Univ.
Fields: 011, 012, 073, 081.
Prev Emp: Proj Econ, OR St Univ-USAID Proj, Recife, Brazil 1974-75; Tchg Asst, Dept of Agr Econ, OR St Univ 1971-72; Peace Corps Volunteer, Kenya 1968-70.
Pub: An Evaluation of Efficiency and Distributional Implications of Changes in Weed Control Technology in Northeast Brazil, PhD Thesis, OR St Univ 1976.
Lang: Por 1-2-1, Swahili 2-3-2.
Mbr: WAEA; IAAE.
Hon: Phi Beta Kappa; Phi Kappa Phi.

YOUNG, Kenneth B., Dept of Agr Economics, TX Tech Univ, Lubbock TX 79409; PH 806-742-7252.
Asst Professor, TX Tech Univ (03) 08, 07.
b. 1938 Canada; Citz: Canada; M-1.
BSA 1961, MS 1966 Univ of Manitoba; PhD 1971 MT St Univ.
Fields: 020, 012, 011.
Prev Emp: Res Asst, MT St Univ, Bozeman 1966-71; Asst Sec-Treas, The Winnipeg Grain Exchange, Winnipeg, Canada 1961-66.
Pub: Second Home Waste Disposal Systems, First Eisenhower Consortium Bull. 1975; Alternative Water Conservation Techniques, TX Agr Exp Sta 1975; Manual for Financial Management, TX Tech College of Agr Sciences 1974.
Mbr: SAEA; TX Soc of Farm & Ranch Appraisers, Prog Dir, Summer 1974.

YOUNG, Robert A., Dept of Economics, CO St Univ, Fort Collins CO 80523; PH 303-491-6956.
Professor, CO St Univ (03) 07, 08,
b. 1931 Nebraska; M-5.
BS 1954, BS 1958 Univ of CA, Davis; PhD 1963 MI St Univ.
Fields: 021, 026, 017.
Prev Emp: Vistg Scholar, Resources for the Future, Washington DC 1968-70; Asst-Assoc Prof, Univ of AZ, Tucson 1963-68; Res Assoc, MI St Univ, E. Lansing MI 1961-63.
Pub: Economic Study of Eastern Beet Sugar Industry, MI St Univ 1965; Economics of Arizona Water Problems, Univ of AZ 1967; Two Studies in Water Resource Management, Resources for the Future 1972.
Lang: Sp 2-2-2.
Mbr: AEA; WAEA; AWRA.
Hon: Am Men & Women of Science; Outstanding PublishedRes Award WAEA 1965. 1969.

YOUNG, William J., Dept of Agr & Applied Econ, 231 COB, Univ of MN, St Paul MN 55108; PH 612-376-3568.
Res Spec, Univ of MN (03) 07.
b. 1948 Illinois; M.
BA 1970 Univ of Notre Dame; MS 1974 Univ of CA, Davis.
Fields: 019, 114, 015, 094.
Prev Emp: Res Assoc, Univ of CA, Davis 1974; Asst Mgr, Homer Grain Co, Homer IL 1972-73; Coop Ext, Peace Corps, Bagua, Peru 1970-72.
Lang: Sp 1-2-1.
Hon: Omicron Delta Epsilon.

YOUNGSTROM, Carol O., 1005 S Owyhee St, Boise ID 83705; PH 208-343-9005.
Retired, Professor Emeritus, Univ of Idaho (76).
b. 1906 Nebraska; M-2.
BS 1928 OR St Univ; MS 1930 KS St Univ; 1937-38 Univ of CA.

YUNKER, Craig, Dept of Agr & Applied Econ, 218 Classroom Office Bldg, Univ of Minnesota, St Paul MN 55108; PH 612-373-1093.
Res Asst, Univ of MN (03) 07.
b. 1950 New York; U.
BS 1973 Cornell Univ; 1973 PA St Univ; MS 1975 Univ of NH.
Fields: 011, 012, 014.
Prev Emp: Res Assoc, Univ of NH 1974-75; Tchg Asst, Cornell Univ, Ithaca NY 1972.
Pub: Adjustments in Regional Livestock Marketing, Univ of NH 1976.
Mbr: NAEC; NY Holstein-Friesian Assoc.

ZAHN, Michael D., 404 Mumford Hall, Dept of Agr Econ, Univ of Illinois, Urbana IL 61801; PH 217-333-2616.
Res Asst, Univ of IL (03) 07.
b. 1951 Michigan; M.
BA 1973 Oakland Univ; MS 1975 Univ of IL.
Fields: 022.
Lang: Rus 1-1-1, Serbo-Croation 2-2-2.

ZAMAN, M. Raquibuz, Div of Bus Adm, Ithaca College, Ithaca NY 14850; PH 607-274-3221.
Asst Professor, Ithaca College (03) 08, 07.
b. 1943 Bangladesh; Citz: USA; M-2.
BA 1963 Dacca Univ; MA 1964, PhD 1970 Cornell Univ.
Fields: 110, 093, 017, 070.
Prev Emp: Econ/Pln, Tompkins Co, Dept of Plng, Ithaca NY 1973-74; Res Assoc, Cornell Univ, Ithaca NY 1971-72; Sr Res Econ, Ban Inst of Devl of Econ, Dacca, Bangladesh 1970-72.
Pub: Extension Service, Education and Agricultural Development..A Review of Intl Experiences With Special Reference to Bangladesh, Agr Pol in Devl Countries 1974; Sharecropping and Econ Efficiency in Bangladesh, Bangladesh Econ Review 1973; Economic Impact of Improved HIghways on the Ithaca-Cortland Growth Center Area: An Analysis of Tompkins County Area, Tompkins County Dept of Planning, Dec 1974.
Lang: Bengali; Other: Eng 1-1-1, Urdu 2-2-2.
Mbr: AEA.
Hon: PIDE Natl Mer Fellow, Pak, 1966-69; Natl Mer Fellow, Dacca Univ, Bangladesh 1963-64.

ZAVALETA, Luis, Dept of Agr Economics, Texas A&M Univ, College Station TX 77840.

ZEBALLOS-HURTADO, Hernan, PO Box 217-PO Box 4805, LaPaz, Bolivia; PH 5-4943.
Tech Mgr, Prof of Econ, COPRINCO y Asociados/Univ Catolica (51/03) 15, 08.
b. 1934 Bolivia; Citz: Bolivia; M-3.
BS 1959 Univ of San Simon, Bol; MS 1967 Univ of M. Gerais, Bra; MS 1973, PhD 1975 Univ of WI, Madison.
Fields: 073, 017.
Prev Emp: Cons, Centro Prod Indl, La Paz, Bol 1974-75; Mgr, Compania Minera del Sur, LaPaz, Bol 1974; Dir, Inst Natl de Colonizacion, LaPaz, Bol 1973-74.
Pub: From the Uplands to the Lowlands, Univ of WI 1975; Analisis de Productivadad Marginal de Recursos Agric, Univ of M. Gerais 1967; Coops Agricolas y Pecuarias de Cochabamba, Univ San Simon, Cochabamba 1959.
Lang: Spanish; Other: Eng 1-1-1, Por 1-2-1.
Mbr: Econ Devl Inst, World Bank; Soc de Econ Agr, Bol., Sec 1974; Soc de Ings Agr de Bol, Pres. 1969-70.

ZEGERS-PRADO, Cristian, Inst Technologico de la Leche, Casilla 47, Valdivia, Chile; PH 3911.
Prof, Univ Austral de Chile (03) 07, 08, 22.
b. 1941 Chile; Citz: Chile; M.
Ing Agron 1964 Univ Catolica, Chile; MS 1968 ND St Univ; 1971-74 Univ of MN.
Fields: 011, 073, 081, 062.
Prev Emp: Assoc Prof, Univ Austral, Valdivia, 1969-74; Staff Mbr, Land Reform Corp, Santiago 1966-67.
Pub: Estudio de Productiridad Economica en Predios & Echoros de Valdi Osorno, Universidad Austral-Valdivia, Chile 1973.
Lang: Spanish; Other: Eng 1-1-1, Fr 1-3-2.
Mbr: AEA; Assoc of Ing Agron (Chile).

ZEHNER, Mary D., Dept of Agr Economics, Michigan St Univ, East Lansing MI 48824; PH 517-355-2288.
Ext Spec Agr Econ, MI St Univ (03) 09, 11.
b. 1934 Massachusetts; U.
BS 1956 Cornell Univ; MS 1961 MI St Univ.
Fields: 051, 014, 053.
Prev Emp: Therapeutic Dietitian, Univ of Rochester Med Center, Rochester NY 1957-59.
Pub: An Exploratory Study of Food Buying Decisions, MS Thesis, MI St Univ 1961.
Mbr: Am Dietetics Assoc-RD; Am Home Econ Assoc.

ZEHR, Donald E., Central OH Coop Milk Prod, Inc., 519 E 11th Avenue, Columbus OH 43211; PH 614-299-4134.
General Mgr, Central OH Coop Milk Prod Inc (52) 10, 11, 09.
b. 1913 Indiana; M-1.
BS 1936 Purdue Univ; MS 1958, PhD 1968 OH St Univ.
Fields: 014, 019.
Prev Emp: Agr Ext Agt, OH St Univ, Celina OH 1948-57; Ext Spec, OH St Univ 1957-61.
Lang: Sp 3-3-3.
Mbr: Natl Milk Prod Fedn, Director; OH Milk Prod Fedn, Treasurer; Mid-East UDIA, Sec-Treas.

ZEITSCH, John F., Ind Asst Comm, Kings Avenue, Barton, Canberra, ACT 2600 Australia.
Proj Off Class 8, Australian Govt (IAC) (78) 07.
b. 1952 Australia; Citz: Australia; M-2.
B of Agr Econ 1974 Univ of New England.
Fields: 017, 016.
Prev Emp: Grad Cler, BAE, Canberra, 1974.
Mbr: Australian Agr Econ Soc.

ZEPP, Glenn A., Dept of Food & Res Econ, 1130 McCarty Hall, Univ of Florida, Gainesville FL 32611; PH 904-392-2341.
Agr Econ, ERS (16) 07.
b. 1936 Pennsylvania; M-3.
BS 1960, MS 1963, PhD 1967 PA St Univ.
Fields: 011, 017.
Mbr: SAEA.

ZEPP, John E., Sask Dept of Agr, Stat Sect, Adm Bldg, Regina, Sask, Canada S4S 0B1; PH 306-525-5403.
Agr Stat, Sask Dept of Agr (40) 27, 15, 20.
b. 1949 Canada; Citz: Canada; M-1.
BS, BSA 1972, MS 1974 Univ of Sask.
Fields: 011, 012, 014, 018.
Prev Emp: Res Econ, Sask Agr, Regina 1974-76.
Mbr: CAES; Sask Inst of Agr.

ZETOCHA, Dale F., Agr Econ Dept, ND St Univ, Fargo ND 58102; PH 701-237-8628.
Grad Student, ND St Univ (03) 23.
b. 1953 North Dakota; U.
BS 1975 ND St Univ.
Fields: 013, 012, 094, 096.
Prev Emp: Acct, Melroe Div, Clark Equipment Co, Gwinner ND, Summer 1974 & 1975.

ZIA, Ahmad, Nadir Shah Mina, Block 14 Apartment #14, Kabul, Afghanistan.

ZIMET, David, Am Embassy, San Salvador El Salvador; PH 253-248.
Adv for Plng, USAID-ElSalvador (24) 22, 15, 18.
b. 1948 New York; M-1.
BS 1969 Cornell Univ; MS 1974 Univ of FL.
Fields: 081, 011, 075.
Prev Emp: Supply Anal, Tripartite(USAID, IDB, IBRD) Mission, Guat, Winter 1975.
Pub: Economic Potential for Year Round Vegetable Prod, Zapotian Dist, E.S. MS Thesis, Univ of FL 1974; A Sectoral Model of Salvadorian Agriculture IDB 1976.
Lang: Sp 1-1-1, Fr 1-3-2.
Hon: Best MS Thesis 1974, Econ Dept of Univ of FL.

ZIMMER, John M., Econ Res Service, Washington DC 20250; PH 202-447-8877.
Economist, ERS (16) 07.
b. 1915 Minnesota; M-1.
BS 1956, MS 1957 ND St Univ.
Fields: 046, 043, 045, 041.

ZIMMERMAN, William A., Box 76 RFD, Arthur MD 58006.

ZIRAYO, Patrick, Commissioner for Cooperations, PO Box 3835, Kampula, Uganda.

ZORAL, Kutlin Y., Ataturk University, Erzurum, Tureky.

ZORILLA, Angel, Jenner 6, Madrid, Spain.
Ing Agr, Retired (76) 20, 21, 23.
b. 1903 Spain; M-7.
Dr Ing Agr 1928 Escuela Especial de Ing Agrons.
Fields: 021, 022, 016, 017.
Prev Emp: V. Pres, Natl Inst of Agr Res, Madrid 1962-70; Under Sec, Mins of Agr Madrid 1938-46.
Pub: Introduccion a la economia Agricola Espanola, Madrid 1960.
Lang: Spanish; Other: Eng 1-3-2, Ger 2-3-3.

ZUCKERMAN, Paul S., World Bank, 1818 H Street NW, Washington DC 20433; PH 202-477-4249.
Agr Economist, World Bank (66) 03, 07.
b. 1945 England; Citz: UK; M-2.
BA 1967, Dip Ag 1968, MA 1970 Cambridge Univ, UK; PhD 1974 Reading Univ, UK.
Fields: 011, 012, 083.
Prev Emp: Training Assoc, Ford Found, Nigeria 1968-70; Assoc Spec, Intl Inst of Tropical Agr, Nigeria 1970-71.
Pub: Yoruba Smallholders Farming Systems Intl Inst of Tropical Agr 1974.
Lang: Fr 2-3-2.
Mbr: AES; Assoc for the Adv of Agr Sci in Africa.

ZULBERTI, Carlos A., Intl Devl Res Centre Calle 72, No. 583, Piso 14 Apartado Aereo 53026, Bogota Colombia; PH 551-636.
Rural Devl Adv, Intl Devl Res Centre (67) 22, 07, 18.
b. 1944 Argentina; Citz: Argentina; M-2.
Ing Agr 1968 Univ Catolica, Arg; MS 1971, PhD 1974 Cornell Univ.
Fields: 035, 073, 092, 151.
Pub: The Small Farmers; Economic Analysis of New Technology in the Caqueza Project, CIAT 1976; The Feasibility of Bee Cattle Feedlots in Argentina; Methodology & Econ Evaluation, PhD Dissertation, Cornell Univ 1974;

Removing Constraints to Small Farmers Production, CAES Proceedings 1975.
Lang: Spanish; Other: Eng 1-1-1, Fr 3-3-3.
Mbr: Soc for Intl Devl; CAES.
Hon: 1971 George F. Warren Award, Cornell Univ.

ZWART, Anthony C., Dept of Agr Economics, Univ of Guelph, Guelph, Ontario, Canada.

CLASSIFICATION OF MEMBERS ACCORDING TO FIELDS OF SPECIALIZATION

The fields included in the questionnaire are listed below (see code list). Members were requested to indicate, in the order of their interest. In the classification which follows members are grouped according to their first choice of field. Second, third and fourth fields are indicated by numbers following the names.

010 - ECONOMICS OF AGRICULTURAL PRODUCTION AND DISTRIBUTION

Anderson, Kym, 112, 081, 076
Anderson, Marvin Sydney, 070, 110, 020
Arcus, Peter L., 017, 014, 015
Ayer, Harry W., 070, 040, 030
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Faber, Doeke C., 080, 112, 062
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Hansen, Peter L.E.
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Jaenke, Edwin A., 017, 014, 013
Kennedy, Mary C., 090, 100, 017
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Brannen, Stephen J., 013, 022, 018
Brink, Lars G., 084, 092, 070
Brokken, Ray F.
Brough, Owen Jr., 014, 017, 021
Brown, William G., 081, 025, 024
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Bursch, William G., 014, 013
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Euler, Roger S., 110, 012
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Saylor, Ralph G., 062, 016
Schoney, Richard A., 012, 084
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Sheffield, Leslie F., 012, 014, 021
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012 - FARM MANAGEMENT

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Jones, Donald F.
Jones, Elwood C.
Jones, Michael A.
Jones, Ronald W.
Jones, William W.
Joo, Yong J.
Joy, J. L.
Jungman, Frederick M.
Junguito, Roberto
Kaiser, Wilson K.
Kaldenberg, Ronald
Kamenidis, Christos T.
Karpeh, Francis
Karr, Gerald L.
Kau, Paul Kun Y.
Keating, Alfred W.
Keeler, Joseph T.
Kemmerle, Stephen
Kennedy, R. N.
Kennedy, Rex P.
Kepner, Karl
Keis, Alan
Kezis, Alan
Kim, Chung Y.
Kim, I.N.S.
Kim, Jongbin
Kim, Sang-OK
King, David
King, Gordon A.
King, Robert
King, William H.
Kirkbride, John W.
Kirsten, J.F.
Kline, Ralph G.
Kloth, Donald
Knox, W.D.
Konhold, Dr.
Kovacs, Alejandros
Kraynick, Roger G.
Krebs, Edward H.
Kreitman, Richard
Krumme, Richard
Kruse, Rodney B.
Kuo, Leslie T.C.
Lytle, John S.
Mabbs-Zeno, Carl C.
Mabrouk, Abdelaziz B.
Macaulay, T. G.
Maceachern, Gordon A.

Mackey, R.B.
Mader, Edward J.
Madewell, Carl E.
Madill, J.W.
Madronio, Severino T.
Mairiang, Kasem
Mamecha, Getachew
Mamer, J.W.
Manese, Carlos R.
Mann, J.S.
Mansour, Abdesslem
Marshall, Marsh S. Jr.
Martin, Aurele
Martin, Lee R.
Mason, Judson P.
Matemu, Nemes J.
Matheson, G. Alan
Matsumoto, Masao
Matteucci, Aido
Matthews, Joseph C.
Mattos, Zilda Paes De
Mattox, Bruce W.
Matulich, Scott C.
Maungkaew, Chuang
May, Donald J.
McCalla, Frank
McDonald, Vincent R.
McDowell, Frank H. Jr.
McElroy, Robert C.
McFatter, Boyd Shelton
McGregor, Marvin D.
McMillan, Kenneth G.
McMurtry, Gene
Mebrahtou, Mesfin
Meek, John J.
Mehn, James W.
Melo, Fernando Homen De
Meza, Justo O.
Miller, Paul E.
Min, Byong R.
Min, Kim D.
Minguez, Gula R.
Minh, Tran A.
Mkoka, Germanus N.
Moncure, Robert C.
Moody, R.E.
Moon, H.
Moore, Clay R.
Moore, Stephen R.
Mora, Pedro
Morgan, Thomas H.
Mosher, Arthur T.
Motes, William C.
Mount, Timothy D.
Msuka, Thomas D.K.
Mudikdjo, Kooswardhono
Mukhebi, Adrian M.W.
Murphy, Vayden Jr.
Muttamara, Sumali
Nagarajan P.
Nagy, Joseph G.
Namisi, Richard W.
Nattaradol, Pittayapol
Nakazawa, Anthony T.
Ndimbo, Gerald H.
Neenan, Bernard F.
Nefstead, Ward E.
Nelson, Dennis G.
Nelson, Gary S.
Newborg, Michael
Newman, Mark D.
Newsham, Gary L.
Nichols, Thomas E.
Nickel, Paul E.
Nickerson, Eric A.
Nikolitch, Radoje
Noel, Jay Everett
Nordhauser, Fred
Novak, James L.
Nygaard, David F.
Oderkirk, A.D.
Odupoy, Rhesa L.
Oge, Sabri
Ogunronbi, O.
Ogut, Hasim
Olatunbosun, Dupe
Olson, Kevin L.
Oltenacu, Pascal
Omara, Gerald T.
Omia-Mengo, Jean
Orawan, Ongkananantlert
Ortego, Albert J. Jr.
Osman, Mohammad
Oury, Bernard R.
Overton, Charles E.
Oweis, Jirvis S.
Owen, Wyn E.
Owens, Richard W.
Pae, Ki-Tai
Papastavrou, Anastassios
Parisudhiyarn, Tirapol
Parks, Loren L.
Parry, Mark W.
Patalinghug, Epietetus
Patrick, J. Michael
Pavelis, George A.
Pearce, Earl H.
Pedersen, Ronald W.
Pederson, Harold C.
Pemberton, Carlisle A.
Pensupar, Bamroong
Pepper, Philip W. Jr.
Permpongsri, Santisuk
Petersen, Ralph E.
Peterson, Hans P.
Peterson, R.N.
Petty, James A.
Pfahler, Fritz
Philipp, Perry P.
Phillimore, W.D.
Phuc, Thai T.
Planting, Martin B.
Podany, Joseph C.
Poling, Earl F.
Pollak, David J.
Poore, Edwin R.
Porteous, William L.
Porter, Charles W.
Porter, Kenneth D.
Powell, L.A. Sr.

Prasit, Supradit
Preachet, Bruce
Price, H.B.
Price, Tim
Pulchritudoff, N.
Purcell, Wayne D.
Puthigorn, Banlu
Rahman, Faizur
Rahn, Allan P.
Ramasamy, C.
Rao, Musunury S.
Rawddara, Pairos
Rebello, Noels
Rector, Gerald R.
Reimer, Don R.
Revzan, M.A.
Reynolds, Thomas
Richards, Roslyn V.
Ricker, H.S.
Ritter, Marion W.
Roblot, Mrs.
Rocha, Dilson S.
Rogers, Geroge B.
Ronnau, Robert M.
Rourke, Gary W.
Rowe, Gordon
Ruigu, George M.
Rupprecht, Erhardt O.
Sahota, Joginder S.
Sam, Henry K.A.
Sanchez, Bartolome
Sanders, Steve
Sarica, Saadet
Saygideger, Orhan
Sayoso
Sayre, Charles R.
Schaeffer, Henry H.
Schamper, John W.
Scharlach, Wes
Schertz, Lyle P.
Schlottfeldt, Carlos B.
Schmaedick, Gerald L.
Schneeberger, Walter
Schneider, Robert R.
Schoeneman, John A.
Schuetz, Marius A.
Schwartz, Robert B.
Scott, Raymond C.
Seaver, Stanley K.
Segur, W. H.
Shams, Abdul T.
Sharma, V.V.
Sharp, John W.
Shaw, David J.
Shaw, Robert D.
Shin, Soon-Woo
Siddioui, A. R.
Simunek, Richard
Singh, Gurbachan
Sitampul, Toga M.
Skinner, Robert A.
Smith, Donald G.
Smith, Richard B.
Smith, Robert S.
Smith, Wade L.
Soltani, Gholamreza
Solverson, Lyle
Sonola, S.O.
Sorenson, L. Orlo
Soto, Jose E.
Sparks, Willard
Stammer, Richard W.
Stanton, Oliver Ray
Starch, Elmer A.
Stefanos, Seyoum
Steinberg, Lionel
Stephens, W.P.
Stoecker, Arthur
Stone, Percy H. Jr.
Stredel, Juan
Strock, Ralph L.
Stulp, Valter J.
Sugeng
Sun, Theresa Y.
Sutamadi, Achmad
Suton, Somboon
Swortzel, C. McCheyne
Tafere, Aschenaki
Tahmin, Zachary M.
Tannous, Afif I.
Tansey, Geoff
Taylor, Lloyd H.
Tayyaitieng, Winai
Tefferra, Dinberv
Tellez, Francisco
Tesfa-Giorgis, Gherbremedhin
Thinh, Vong Dinh
Thomas, Kenneth H.
Thomas, Monica E.
Thompson, Morrell
Thorpe, Robert S.
Thorson, Norman W.
Thursby, J.W.
Tianniam, Manoo
Timm, Tyrus R.
Timmons, John F.
Tinberg, Cynthia
Townsley, Robert J.
Traill, W.B.
Tribble, Burt
Tsang, C. Steve
Tsing, Lu Nien
Turek, Paul S.
Unsal, Fahri
Uphaus, Charles M.
Valpey, John R.
Van Meir, Lawrence W.
Vermallay, Ashton I.
Vest, Marshall J.
Via-Urquidi, Jaime D.
Vilaivan, Nudkasem
Viles, George L.
Vollmers, A.C.
Von Lanken, George
Vuong, Le Tien
Vutz, Gert
Wajanavareeratana, Weeranooth
Walker, John H.
Wallis, Charles W.
Ward, Ralph E.
Ward, Steven O.
Waterman, Bruce
Waters, James R.
Watkins, Edgar P.

Watzek, John
Weber, Adolf
Weidemann, Wesley
Weitbrecht, Louise
Weltin, William F.
Weymar, F. Helmut
Wharton, Clifton R. Jr.
Whatley, Thomas J.
Whitson, Robert E.
Widodo, Sri
Wiebe, J.E.
Wilkin, John T.
Willett, Joseph W.
Williams, Ed
Williamson, Paul M.
Willman, David R.
Wilson, Henry R.
Winram, James Mills
Wissman, Roger A.
Wohlgenant, Michael K.
Wolf, Kenneth
Womack, Abner W.
Wondwosen, Messele
Wymbs, Clifford
Yamashita, Sachiko
Yanagida, John F.
Yeh, Chung Jeh
Ying, Tao J.
Yoo, Jack T.
York, John C.
Yost, Larry E.
Youngstrom, Carol O.
Zavaleta, Luis
Zia, Ahmad
Zimmerman, William A.
Zirayo, Patrick
Zoral, Kutlin Y.
Zwart, Anthony C.

GEOGRAPHICAL LIST OF INDIVIDUAL MEMBERS

ALABAMA

Auburn

Adrian, John L.
Bell, Sidney C.
Chastain, E.D. Jr.
Danner, Maurice J.
Hardy, William E. Jr.
Huddleston, Norman R.
Murphy, Vayden Jr.
Sprott, J. Michael
Stallings, James L.
Strawn, Harry B.
Street, Donald R.
White, Morris
Wilson, Lowell E.
Yeager, Joseph H.

Florence

Clement, Shelden L.
Foster, Thomas H.
Madewell, Carl E.
Pinstrup-Andersen Per
Sidhu, Surjit S.

Huntsville

Mirakhor, Abbas
Wu, Craig Chi-Yen

Mobile

Jones, T. Morris

Montgomery

Moberly, Howard D.

Muscle Shoals

Ahrens, Curtis L.
Allbaugh, Leland G.
Aune, Henrik J.
Free, William J.
Henderson, Harold A.
Smith, Wesley G.
Walkup, Harold G.
Wells, James A.
Woodworth, Roger C.

Springville

Pearce, Earl H.

Troy

Curtis, Wayne C.

Tuscaloosa

Drake, Albert E.
Gustafson, Albert W.

Tuskegee Institute

Williamson, Handy Jr.

ALASKA

Fairbanks

Thomas, Monica E.
Thomas, Wayne C.

Juneau

Gazaway, H.P.

Palmer

Burton, Wayne E.
Severson, E.N.

ARIZONA

Fort Huachuca

Webster, Anthony

Glendale

Ward, Steven O.

Phoenix

Cox, Clifton B.
Kohnken, Pamela J.
Moore, Hugh L.
Nelson, Douglas C.
Steiner, Michael P.
Szadek, Stephen A.
Woodson, James D. Jr.

Tempe

Downs, Charles E.
Ladham, Jerry R.
Parker, L. Maryland

Tucson

Angus, Robert C.
Archer, Thomas F.
Ayer, Harry W.
Baggs, James L.
Cable, C. Curtis
Campbell, Gerald W.
Cao, Than V.
Firch, Robert S.
Fischer, John L.
Fox, Roger W.
Gum, Russell L.
Hathorn, Scott, Jr.
Hillman, Jimmye S.
Kelso, Maurice M.
King, David A.
Martin, William E.
Nelson, Aaron G.
Pawson, Walter W.
Rollins, Franklin D.
Simpson, James R.
Stubblefield, Thomas M.
Wade, James C.
Weisz, Reuben N.
Wilmot, Charles A.
Wilson, Paul N.

ARKANSAS

Fayetteville

Berry, Calvin R.
Fryar, Ed
Green, Bernal L.
Halbrook Waymon A.
Malone, Carl C.
May, Ralph D.
Meenen, Henry J.
Price, Carter
Redfern, J. Martin
Shulstad, Robert N.
Windham, William J.

Little Rock

Cook, Neil R.
Edwards, William F.
Hudson, Andrew C.
Justice, Travis D.
Kumpe, John O.
Moore, Clay R.
Pickett, John C.
Spencer, Carrol Davonne
Thiemann, Otto P.
Woodard, A.W.

Morrilton

Sarhan, Mohamed E.
Wheeler, Richard O.

Pine Bluff

Gordon, Japhas A.
Jones, Dewitt

State University

Brinkley, Lew E.

Van Buren

Arnold, Adlai F.

CALIFORNIA

Albany

Enochian, Robert V.
Nakazawa, Anthony T.

Bakersfield

Hoelscher, Wilfred H.
Parker, Arthur F. Jr.
Viles, George L.

Berkeley

Anderson, Bruce L.
Benedict, Murray R.
Benito, Carlos A.
Boles, James N.
Buchanan, Mark T.
Chambers, Robert G.
Ciriacy-Wantrup, S.V.
DeJanvry, Alain F.
Eckerman, Donald E.
Garcia-Ferrer, Antonio
Hoos, Sidney S.
Just, Richard E.
Lutz, Ernst
Mamer, J.W.
McCorkle, Chester O. Jr.
McKillop, William L.
Nickerson, Eric A.
Owens, Richard W.
Piper, Daniel G.
Pope, Ruion D.
Revzan, M. A.
Rhoade, Ronald R.
Rowe, Gordon
Sammet, Loy L.
Schickele, Rainer W.
Siebert, Jerome B.
Stanton, Oliver Ray
Wellman, Harry R.

Chico

Dickinson, Thomas E.
Freeman, Robert E.

Claremont

Smyth, David J.

Clovis

Hutchinson, Charles R.

Davis

Bessler, David A.
Brandt, Jon A.
Bushnell, Peter
Carman, Hoy F.
Carter, Harold O.
Cothern, James
Daberkow, Stan G.
Dixon, Bruce L.
Dudek, Daniel J.
Eryilmaz, Ali
Fernandez-Cavada, Jose L.
Fitz, Joseph C.
Foytik, Jerry
French, Ben C.
Fuller, Varden
Garoyan, Leon
Green, Richard
Hansen, David E.
Hardin, Charles M.
Heaton, Christine R.
Hedges, Trimble R.
Horner, Gerald L.
Howitt, Richard E.
Jaureguizar, Carlos
Johnson, Stanley S.
Johnston, Warren E.
King, Gordon A.
Kinsey, Jean D.
Konadreas, Panos A.
Kushman, John E.
Lane, Sylvia
Learn, Elmer W.
Logan, Samuel H.
Martin, Philip L.
Matulich, Scott C.
McCalla, Alexander F.
McClish, Gale A.
Moore, Charles V.
Noel, Jay Everett
Paris, Quirino
Portello, William Les
Reed, Addison D.
Rochin, Refugio I.
Segur, W. H.
Smith, David K.
Snyder, J. Herbert
Sosnick, Stephen H.
Wohlgenant, Michael K.

El Centro

Brock, Donald E.

Fresno

Davis, Irving F.
Dodds, John P.
Glim, Robert J.
Hagen, John W.
Pherson, Carl L.

Fullerton

Rohdy, Donald D.

Hayward

Hall, Harwood L.

Lafayette

Ichrdi, Dennis N.

Los Angeles

Hirsch, Werner Z.
Miller, Paul J.
Pulchritudoff, N.

Marysville

Cunningham, Jim

Menlo Park

Bray, James O.
Marshall, Marsh S. Jr.

Orangevale

Fisk, George D.

Palo Alto

Halter, Albert N.
Jamison, John A.

Pomona

Borton, Raymond E.

Porterville

Valpey, John R.

Ramon

Ahern, James J.

Riverside

Lofting, Everard M.
Phillips, Guy D.
Wood, William W. Jr.

Sacramento

Auslam, David C. Jr.
Bollman, Frank Herbert
Perry, Donald G.
Rowell, John D.
Shahbazian, Vernon L.
Sturm, Norman D.
Wallace, Luther T.

San Bernardino

Allison, Thaine H. Jr.
Oliver, James C.

San Diego

Hewitt, James O.

San Francisco - APO

Dirks, Harlan J.
King, David J.
Kunkel, David E.
Samson, Glenn R.
Stoecker, Arthur
Trostle, Ronald G.

San Francisco

Andersen, Stephen O.
Courtney, Richard H.
Knechel, John A.
McGregor, Marvin D.
Phillimore, William D.
Skinner, Michael J.
Wade, William W.
Weitbrecht, Louise

San Jose

Brueck, David A.
Growald, Paul J.

San Luis Obispo

Duarte, Arthur C.
Genereux, Douglas G.
Hyer, Edgar A.
Little, H.C.
McCorkle, Robert E.
Rogalla, John A.
Scott, Kenneth C.

Santa Ana

Mays, Charles K.

Santa Barbara

Engberg, Russel C.
Goodall, George Erle
Mercer, Lloyd J.

Santa Clara

Christophersen, Kjell A.
Steidlmayer, Paul K.

Sonoma Rohnert Park

Doutt, Jeffrey T.
Hayes, Sue Eileen

Stanford

Anderson, Kym
Falcon, Walter P.
Gray, Roger W.
Kofi, Tetteh A.
Johnston, Bruce F.
Jones, William O.
Pearson, Scott R.
Peck, Anne E.
Rich, Margo B.
Yotopoulos, Pan A.

Stockton

Peinado, Marcelo A.

Thermal

Steinberg, Lionel

Van Nuys

Abbott, Elaine R.
Manese, Carlos R.
Sparks, Stephen O.

Vernon

Hellegas, William B.

Whittier

Davis, James H.

Woodland

Hellyer, George J.

COLORADO

Arvada

Jennings, George S.

Boulder

Howe, Charles W.
Owen, Wyn E.

Denver

Davan, Clarence F. Jr.
Duft, Kenneth D.
Edwards, Jack D.
Gillis, Kenneth R.
Ogaz, Hector H.
Schuy, David F.
Talbot, Edward J.

Fort Collins

Anderson, Raymond L.
Blood, Dwight M.
Diemer, Joel A.
Eckert, Jerry B.
Juers, Linley E.
Kasal, James M.
Knox, Phillip L.
Mack, Lawrence E.
Madsen, Albert G.
McHugh, Helen F.
Miller, Thomas A.
Nobe, Kenneth C.
Oakleaf, S. Kenneth
Prato, Anthony A.
Rehnberg, Rex D.
Skold, Melvin D.
Sparling, Edward W.
Tinnermeier, Ronald L.

Trock, Warren Leigh
Walsh, Richard G.
Walters, Forrest E.
Waples, Eliot O.
Winn, John H.
Young, Robert A.

Grand Junction

Rhine, Timothy L.

Greeley

Reierson, Robert J.

Lakewood

Johnson, Richard L.
Palmer, Charles J.

Sterling

Johnson, Kenneth V.

USAF Academy

Boyer, George K.

CONNECTICUT

Greenwich

Tahmin, Zachary M.

Hartford

Powers, David C.

New Britain

Pae, Ki-Tai

New Haven

Hsiao, James C.
McKinsey, James W. Jr.

Norwalk

Schmaedick, Gerald L.

Putnam

Cheney, Philip B.

Stamford

Morgan, John W.
Parrish, Arthur

Storrs

Barton, John A.
Booth, Edward Jr.
Brand, John P.H.
Coolidge, Frank A.
Dewey, Arthur W.
Ecker, George A.
Farrish, Raymond O.P.
Fellows, Irving Forbes
Kottke, Marvin W.
Lee, Tsoung-Chao
Leonard, Robert L.
Lin, Kuang-Hsing T.
Lott, William F.
Seaver, Stanley K.
Shiau, Way-Hu
Stitts, Donald G.

Weston

Lewis, Ardron B.

Willimantic

Richards, Roslyn V.

Winsted

Wheeler, Richard Gibbs

DELAWARE

Delmar

Waterman, Bruce

Dover

Bieker, Richard F.
Li, Tien E.

Newark

Elterich, Gustav J.
McAllister, Willard T.
McDaniel, Wm. Earl
Smith, Raymond C.

DISTRICT OF COLUMBIA

Washington

Abel, Fred H.
Ablasser, Gottfried
Agnew, Donald B.
Ahalt, J. Dawson
Aigner, Frank D.
Allen, Phillip T.
Allen, Rutillus H.
Antholt, Charles H.
Armbruster, Walter J.
Armstrong, Jack H.
Aspelin, Arnold L.
Atkinson, L. Jay
Austin, Lynn A.
Baarda, James R.
Bachman, Kenneth L.
Back, William B.
Baker, Allen J.
Baker, Gladys L.
Baker, John A.
Barr, Burton B.
Barrowman, Donald W.
Barry, Robert D.
Barse, Joseph R.
Baum, Emanuel L.
Baumann, Ross V.
Bawden, D. Lee
Beebout, Harold S.
Been, Richard O.
Beer, Charles L.
Beltran, Gregorio
Benson, James M.
Benson, Verel W.
Bernitz, Alexander
Berry, John Henry
Bird, Alan Ross
Bird, Ronald
Blaich, Oswald P.
Blomo, Vito J.
Blum, John C.
Bohall, Robert W.
Boles, Patrick P.
Bollenbacher, Arnold L.
Bond, A. Dewey
Bosecker, Raymond R.
Bottum, John S.
Boxley, Robert F.
Breen, J. Thomas
Brewer, Michael F.
Brown, Donald G.
Brown, Phillip F.

Brown, Richard N. Jr.
Brown, Robert C.
Bunker, Arvin R.
Burkes, Marshall
Burket, Stephen D.
Burkett, W. Keith
Burns, Randall L.
Carlin, Thomas A.
Carroll, Thomas F.
Casaccia, Carlos A.
Castle, Emery N.
Cesal, Lon C.
Charbonneau, Joseph J.
Christensen, S. Kent
Clawson, Marion
Coffing, Arthur L.
Coffman, George W.
Cohen, Marshall H.
Coltrane, Robert I.
Conopask, Jeff V.
Cook, Harry N.
Cook, Ross S.
Cotner, Melvin L.
Cottam, Howard R.
Cowden, Thomas K.
Crawford, Terry L.
Crickman, C.W.
Crom, Richard J.
Crosswhite, William M.
Culver, James A.
Daft, Lynn M.
Dalrymple, Dana G.
Daly, Rex F.
Datt, John C.
Davidson, Donald R.
Davis, Velmar W.
Davison, Cecil W.
Delvo, Herman W.
Denney, Evert W.
Derr, Derl I.
Dobbs, Thomas L.
Domike, Arthur L.
Donald, Gordon
Donald, James R.
Donaldson, Graham F.
Donovan, Walter Grame
Doty, Harry O. Jr.
Driscoll, James L.
Droge, John H.
Duewer, Lawrence A.
Duymovic, Andrew A.
Dwoskin, Philip B.
Dyer, David R.
Dyke, Paul T.
Edwards, Clark
Egbert, Alvin C.
Elenburg, Dave W.
Emerson, Peter M.
Engelman, Gerald
Enger, Warren J.
Euler, Roger S.
Evans, Carson D.
Fallert, Richard F.
Farrell, Kenneth R.
Faught, William A.
Feltner, Richard L.
Fitchett, Delbert A.
Ford, Richard G.
Forsht, R. Gar
Fossum, M. Truman
Foti, John A.
Fox, Austin S.
Fox, Marshal D.
Frank, Gary G.
French, Burton L.
French, Charles E.
Friend, Reed E.
Fritsch, Conrad F.
Fulton, Robert L.
Gadsby, Maxon D.
Gale, Hazen F.
Gambrell, Lawrence A.
Gardner, Bruce Lynn
Garrett, James R.
Gasser, William R.
Gavett, Earle E.
Gehres, Donald J.
Gerald, John O.
Gertel, Karl
Geyer, L. Leon
Gifford, Claude W.
Gill, Gurmukh S.
Gillette, Sheila H.
Gittinger, James P.
Glenn, Lowell D.
Godwin, Marshall R.
Goering, Theodore J.
Goldman, Richard Harvey
Goodall, Jerry
Goodman, Richard J.
Graham, Bruce M.
Grano, Anthony M.
Gray, Frederick D.
Gray, Leo R.
Gray, Roy M.
Greenshields, Bruce L.
Gregory, Wade F.
Grinnell, Gerald E.
Grise, Verner N.
Grommet, Allen C.
Grove, Ernest W.
Gustafson, Greg C.
Gustafson, Ronald A.
Hacklander, Duane D.
Hady, Thomas F.
Haidacher, Richard C.
Hall, Howard L.
Halvorson, Lloyd C.
Hammond, Jerome J.
Hand, William A.
Hanrahan, Charles B.
Hanson, Marlin L.
Haren, Claude C.
Haskell, James E.
Hathaway, Dale E.
Haught, Adrian L.
Hay, Michael J.
Hazell, Peter B.
Hedlund, Floyd F.
Heifner, Richard G.
Helmuth, John W.
Heneberry, William H.
Hesser, Leon F.
Hiemstra, Stephen J.
Hill, Howard L.
Hines, Fred K.
Hirsch, Hans G.
Hjort, Howard W.
Hoag, W. Gifford
Hoagland, George W.
Hoch, Irving J.
Hogg, Howard C.
Holder, David L.
Holland, Robert L.
Holling, Ronald W.
Holmes, A. Stewart
Holmes, Lloyd I.
Holroyd, William M.
Honore, William H.
Hoobler, Sharon Q.
Hoofnagle, William S.
Horbaly, William N.
Howell, Hunt
Hughes, Jay M.
Hulse, Fred E.
Hunt, Robert D.
Hutton, Linda J.
Hyslop, John D.
Irwin, George D.
Jaenke, Edwin A.
Jahnke, Donald R.
Janssen, Melvin R.
Jesse, Edward V.
Johnson, A.G.
Johnson, Allan S.
Johnson, Sam H. III
Johnson, Wm. F.
Jones, William R.
Jordan, Max F.
Kaiser, Wilson K.
Kampe, Ronald E.
Kilmer, Richard L.
Kimmel, Donald C.
Kirkbridge, John W.
Kiser, Harvey L.
Koeller, Harold L.
Koenig, Nathan
Kohout, Jose C.
Kominus, Nicholas
Konyha, Marvin E.
Kost, William E.
Kraenzle, Charles A.
Krause, Kenneth R.
Krause, Orville E.
Krause, Stanley F.
Kuehn, John P.
Kutish, Francis A.
LaFerney, Preston E.
Lambert, Don
Lanpher, Buel F.
Larson, Donald K.
Lasley, Floyd A.
Laurent, Charles K.
Laubis, Robert E.
Lea, Dallas M.
Leach, Paul V.
Lederer, Thomas H.
Lee, John E. Jr.
Leikind, Hyman
Lewis, James A.
Link, John E.
Litwiller, William F.
Liu, Charles Y.
Liu, Su F.

Lodwick, Seeley G.
Lough, Harold W.
Lowenstein, Frank
Lu, Yao-Chi
Luney, Percy R.
Mackie, Arthur B.
Mackie, Philip L.
Madsen, Howard C.
Madsen, Jeffrey P.
Magleby, Richard S.
Maish, Lynn J.
Manchester, Alden C.
Manley, William T.
Mann, J.S.
Marasco, Richard
March, Robert W.
Marti, Fred R.
Martin, Calvin L.
Martin, Loyd C.
Marx, Robert E.
Mason, Judson P.
Matthews, Jimmy L.
May, Donald J.
Mayer, Leo V.
McAlpine, John D.
McArdle, Richard C.
McDermott, James K.
McDonald, Russell F.
McElroy, Robert C.
McGaughey, Stephen E.
McGregor, Russell C.
McKusick, Robert B.
Meade, Norman F.
Meeker, Brice K.
Melichar, Emanuel O.
Mellor, John W.
Metzger, Carl J.
Meyers, Paul J.
Mielke, Myles J.
Mikesell, James J.
Miller, Charles R.
Miller, Robert H.
Miller, Robert R.
Miller, Walter G.
Monroe, Thomas D.
Moore, Elmer J.
Moore, John C. Jr.
Moriak, Theodore F.
Morrow, Robert B.
Motes, William C.
Murray, John W.
Naive, James J.
Nash, Darrel A.
Nelson, Frederick J.
Nelson, Paul E.
Nielsen, Aldon D.
Nightingale, Ray W.
Nikolitch, Radoje
Nix, James E.
Nohre, Carmen O.
Okay, John L.
Olson, Fred L.
Omar, Hanai H.
Osterhoudt, Frank H.
Otte, Robert C.
Paarlberg, Don
Page, David A.
Paul, Allen B.
Paul, Duane A.
Pearson, James L.
Penn, J.B.
Phillips, Michael J.
Plath, Clarence V.
Podany, Joseph C.
Pollak, Peter Karl
Pomareda, Carlos F.
Powe, Charles E.
Powell, Jules V.
Powers, Mark J.
Proenza, Francisco J.
Quance, C. Leroy
Rader, Lynn
Raleigh, Stephen M. Jr.
Rasmussen, Wayne D.
Reidinger, Richard B.
Reinsel, Edward I.
Reinsel, Robert D.
Resseguie, Robert W.
Reutlinger, Shlomo
Riggs, Fletcher E.
Ringlien, Wayne R.
Robertson, Thyrele
Robison, Lindon J.
Roenigk, William P.
Rojko, Anthony Stanley
Rolf, Floyd E.
Roop, Joseph M.
Ross, James E.
Rourke, John P.
Ruble, William L.
Ruff, Samuel O.
Saleh, Abdullah A.
Samper, Rafael O.
Sandretto, Carmen L.
Scandizzo, Pasquale L.
Schlechty, David L.
Schluntz, Larry J.
Schluter, Gerald E.
Schnittker, John A.
Schoonover, David M.
Schultheis, Michael J.
Seaborg, Alpert D.
Seevers, Gary L.
Sen, Samar R.
Seyala, Mahmood Y.
Sharp, Wayne W.
Shaw, Charles N.
Shugars, Owen K.
Simmons, John L.
Singh, Inderjit
Sleight, Lynn G.
Small, Richard P.
Smith, Allen G.
Smith, Edward J.
Smith, Richard B.
Sokoloski, Adam A.
Sorkin, Martin
Southard, Leland W.
Spalding, Wm. David
St. George, George E.
Stafford, Thomas H.
Stam, Jerome M.
Stansberry, Robert R. Jr.
Stansbury, Dale L.
Starbird, Irving R.
Starch, Elmer A.
Steele, Howard L.
Steele, John T.
Steele, William S.
Steiner, Herbert H.
Stevens, Harold F.
Stiles, John S. Jr.
Stoddard, Everett O.
Stokes, E. Clinton
Stokstad, Christian A.
Stovall, John G.
Strand, Edwin G.
Strickland, Roger P.
Strohbehn, Roger W.
Sturt, Daniel W.
Summers, Larry V.
Suttor, Richard E.
Swackhamer, Gene L.
Swanson, Bruce L.
Swart, Petrus J.A.
Swearingen, Charles H.
Taylor, Gary C.
Teigen, Lloyd D.
Tellez, F. Javier
Tetro, Robert C.
Thieme, Alfred Jr.
Thornton, Theodore D.
Thorp, Fred C.
Tipton, E. Linwood
Tontz, Robert L.
Torgerson, Randall E.
Treakle, H. Charles
Umstott, Haven D.
Uyeshiro, Ronald Y.
Van Dyne, Donald L.
Van Haeften, Roberta K.
Vankai, Thomas A.
Van Wersch, Herman J.
Vaut, Gregory A.
Velde, Paul Dwight
Vertrees, James G.
Voelkel, Ray F.
Vogel, Frederic A.
Volkin, David
Vondruska, John
Von Oppenfeld, Horst
Walker, Lewis D.
Walter, Alan S.
Ward, Clement E.
Ward, William A.
Watkins, Ann M.
Weisenborn, David E.
Weiser, Andrew E.
Weisgerber, Pat
West, Quentin M.
Wetmore, John M.
Wilkowske, Roger H.
Williams, Howard C.
Wilson, Robert R.
Wipf, Larry J.
Witt, Eric N.
Witt, Lawrence W.
Witucki, Lawrence A.
Womack, Abner W.
Woods, W. Fred
Worden, Gaylord E.

Wunderlich, Gene
Yoder, Steven D.
Zimmer, John M.
Zuckerman, Paul S.

FLORIDA

Belle Glade

Halsey, Lawrence A.

Bradenton

Otte, John A.

Fort Lauderdale

Ricker, William D. Jr.

Fort Myers

Jones, Robert L.

Fort Pierce

Jenkins, Gerald M.

Gainesville

Andrew, Chris O.
App, James L.
Boonruang, Prem
Brooke, Donald L.
Brooks, T.L. Jr.
Buckley, Glen N.
Cato, James C.
Clark, Harold B.
Clayton, Kenneth C.
Colette, W. Arden
Coppedge, Robert O.
Covey, Charles D.
Davis, Carlton G.
De, Yo H.
Dow, J. K.
Emerson, Robert D.
Fairchild, Gary F.
Finlayson, Edwin H.
Greene, R.E.L.
Greenhalgh, Richard A.
Gunter, Danny L.
Hamilton, Henry G.
Holt, John
Kiker, Clyde F.
Lee, Jonq-Ying
Lester, William B.
Loehman, Edna T.
Lynne, Gary D.
Machado, Virgilio A.P.
Mathis, William K.
McKee, Vernon C.
McPherson, William K.
McPherson, Woodrow W.
Moxley, Clisby C.
Myers, Lester H.
Neenan, Bernard F.
Nguyen, Khai Q.
Niles, James A.
Polopolus, Leo
Prochaska, Fred J.
Reynolds, John E.
Smith, Cecil N.
Smith, Ernest B.
Soltani, Gholamreza
Spurlock, Alvin H.
Stewart, Fred J.
Strain, James R.
Tefertiller, Kenneth R.
Tilley, Daniel S.
Upchurch, Melvin L.
Ward, Ronald W.
Zepp, Glenn A.

Inverness

Jordan, N. Wayne

Jacksonville

Ritter, Marion W.

Miami

Brain, Kathleen
Miller, Guy W.

Orlando

Dasse, Frank A.
Grenier, Guy C.
Johnson, Van B.

Sarasota

Abraham, George L.
Ginzel, John A.

Tallahassee

Henry, Richard L.
Maier, Frank H.
Stafford, Joseph H.

GEORGIA

Athens

Ames, Glenn C.W.
Brannen, Stephen J.
Brown, R. Edward Jr.
Frazier, Thomas L.
Galloway, Frasier T.
Givan, William D.
Glover, Robert Spicer
Harter, Walter G.
Lovett, Harold W.
Mabbs-Zeno, Carl C.
Martin, Neil R. Jr.
Matsuda, Yoshiaki
McArthur, Wilmoth C.
McElroy, Robert G. Jr.
Nixon, John W.
North, Ronald M.
Rahn, Allan P.
Robinson, Vernon L.
Ten-Haaf, Cornelius J.
Thompson, Jack C.
Trotter, Warren K.
White, Fred C.

Atlanta

Chiang, Tze I.
Garcha, Bikramjit S.
Glover, Glenn H.
Hammond, Henry D.
Marshall, Joseph H.
Stout, Roy G.
Sullivan, Gene D.

Dalton

Butler, Edward J.

Decatur

McDowell, Frank H.

Experiment

Anderson, Robert F.
Bateman, William L.
Carley, Dale H.
Holmes, Mac R.
Purcell, Joseph C.
Raunikar, Robert

Fort Valley

Walker, Melvin E. Jr.

Nahunta

McFatter, Boyd Shelton

Tifton

Abbas, Leon E.
Loyd, Harold J.

GUAM

Agana

Callaghan, Paul

HAWAII

Hilo

Marutani, Herbert

Honolulu

Anderson, Robert N.
Canfield, Grant W.
Dik, Ibrahim E.
Garrod, Peter V.
Gopalakrishnan, Chennat
Holderness, James S.
Huang, Wen-Yuan
Keeler, Joseph T.
Leung, Pingsun
Luykx, Nicolaas
Patalinghug, Epietetus
Philipp, Perry P.
Schlottfeldt, Carlos B.
Scott, Frank S. Jr.
Spielmann, Heinz
Vieth, Gary R.
Wallrabenstein, Paul P.
Weltin, William F.
Williams, John L.
Yamauchi, Hiroshi

IDAHO

Boise

Catey, John A.
Hammond, John R.
Kennedy, Virgil D.
Meale, Eric R.
Youngstrom, Carol O.

Moscow

Ali, Mian B.
Araji, Ahmed A.
Dailey, Richard T.
Early, John O.
Findeis, Jill S.
Godfrey, E. Bruce
Hamilton, Joel R.
Harker, J.M.
Jones, James R.
Lindeb, Karl H.
Long, Roger B.
Marousek, Gerald E.
Meyer, Nell L.
Michalson, Edgar L.
Prigge, G. Ray
Sargent, Robert L.
Schermerhorn, Richard W.
Withers, Russell V.

ILLINOIS

Arlington Heights

Hood, Kenneth

Belleville

Amann, Thomas A.

Bloomington

Butz, Dale E.
Carmichael, Ray M.
Gardner, I. Leonard
Long, David R.

Bushnell

McMillan, Kenneth G.

Carbondale

Adams, Kendall A.
Baumgartner, David C.
Beazley, Ronald
Herr, William M.
Lybecker, Donald W.
Norris, Joseph R.
Solverson, Lyle
Wills, Walter J.

Champaign

Bernsten, Richard H.
Brinegar, George K.
Buddemeier, W.D.
Chen, Wu-Hsiung
Clifton, Ivery D.
Crouse, Earl F.
Dwyer, John F.
Liu, Chun-Lan L.
Nwagbo, Ethelbert C.
Yanagida, John F.

Charleston

Corley, Edward M.

Chicago

Aines, Ronald O.
Alpert, David M.
Barfels, Howard R.
Benjamin, Gary L.
Bentz, Robert Paul
Bishop, Willard R.
Bull, Robert K.
Calumet, Thomas A.
Clark, Robert W.
Duffy, Thomas
Fife, Lavon S.
Francl, Terry L.
Gehling, Gerald J.
Gerke, Eugene E.
Hervey, Jack L.
Ho, Foo-Shiung
Johnson, David G.
Lenz, R. Britt
Mann, Thomas L.
Miller, Robert E.
Sandor, Richard L.
Sayre, William B.
Sayre, William R.
Schultz, Theodore W.
Sisson, Phillip F.
Sloan, Roby L.
Sumner, Daniel A.
Taylor, James W.
Tolley, George S.
Wilson, Charles M.

Danville

Bolen, Kenneth R.

Dekalb

Oderkirk, A. D.
Reiling, Eldon A.

Deland

Olson, Kevin L.

Des Plaines

Matteson, Roger P.

Dunlap

Hurt, Berryman R.

Elmhurst

Ackerman, Joseph

Evanston

O'Mara, Gerald T.

Galesburg

Yaw, William H.

Garden Prairie

Charlesworth, James R.

Greenville

Haynes, Lawrence W.

Hanna City

Gillaspie, Richard L.

Harmon

Birkey, Ned M.

Highland Park

Bix, Ira N.

Joliet

Malone, Eugene M.

Macomb

Chicoine, David L.
Rogers, Keith D.
Wehrly, James S.

Midcothian

Gingerich, Howard F.

Moline

Gifford, John I.
McKee, Dean E.

Normal

Manahan, Jerry M.

Northbrook

Hoffman, Austin C.

Oak Brook

Bull, Alvin F.
Hildreth, R. J.
Lilly, James P.
Schaller, William N.

Park Ridge

Brown, Dean A.
Collins, Warren E.
Hamilton, William E.
Hoseman, John K.
Keating, Alfred W.

Peoria

McCalla, Frank

Pontiac

Hiatt, Richard H.

Rosemont

Quackenbush, Gerald G.

Rullivan

Shuman, Charles B.

Sheridan

Trautwein, Marvin W.

Skokie

Priebe, Ted A.

Sparta

Henderson, Larry G.

Springfield

Cross, Albert J.
Kendall, James R.
Lee, Robert E. II

Urbana

Baker, Chester B.
Brautigam, Harry E.
Broadbent, Emer E.
Brooks, Bruce L.
Elam, Thomas E.
Erickson, Duane E.
Erickson, Steven P.
Fettig, Lyle P.
Frey, Thomas L.
Frohberg, Klaus K.
Gruebele, James W.
Guither, Harold D.
Halcrow, Harold G.
Harms, Alfred G.
Harris, James M.
Hartmann, Peter A.
Herbst, John H.
Hieronymus, Thomas A.
Hill, Lowell Dean
Hinton, Royce A.
Hoffman, Linwood A.
Johnson, James D.
Judy, John Wayne Jr.
Kellogg, Earl D.
Kesler, Richard P.
Kiessling, Hans J.
Kirtley, M. Brice
Leuthold, Raymond M.
Lins, David A.
Mueller, Allan G.
Nelson, Mack C.
Padberg, Daniel I.
Pepper, Philip W. Jr.
Reiss, Franklin J.
Schmidt, Stephen C.
Schwart, Robert B.
Schweitzer, Harvey J.
Scott, John T. Jr.
Seitz, Wesley D.
Shah, Pradip R.
Sims, Fay M.
Smith, Donald G.
Sonka, Steven T.
Spitze, Robert G.F.
Stice, Leslie F.
Stone, Kenneth E.
Swanson, Earl R.
Thompson, William N.
Tuan, Chih-Huang
Van Blockland, Peter J.
Wagner, Melvin M.
West, Vincent I.
Wilken, Delmar F.
Williams, Sheldon W.
Zahn, Michael D.

INDIANA

Ft. Benjamin Harrison

Blake, Martin J.

Fort Wayne

Bullion, George W.M.
Eickhorst, Ronald F.
Guthrie, Thomas L.
Herder, Richard J.
Marine, C. Lockwood

Frankfort

Kerber, Michael J.

Indianapolis

Juillerat, Monte E.
Korves, Ross C.
Watson, Gary L.

New Albany

Johnston, Tim D.

Rockport

Partenheimer, Ralph E.

Sullivan

Reiss, Irwin H.

Sherwood Lake

Scharlach, Wes

West Lafayette

Apland, Jeffrey Dean
Atkinson, Julian H.
Babb, Emerson M.
Baumes, Harry S. Jr.
Blakeley, Ransom A.
Bohl, Lawrence P.
Bottum, Joe C.
Brandao, Antonio S.P.
Brink, Lars G.
Callahan, John C.
Carson, Edward E.
Christensen, Paul J.
Considine, Timothy J.
Dahl, Wilmer A.
Doering, Otto C. III
Doster, Daniel H.
Downey, W. D.
Dunbar, John
Everett, Hal W. II
Farris, Paul L.
Farris, William S.
Geistfeld, Loren V.
Goodwin, Joseph B.
Gordon, John R.
Harling, Ken
Harrison, Gerald A.
Issa, Luis V.
Jones, Bob F.
Kadlec, John E.
Keen, Robert C.
Kehrberg, Earl W.
Kepner, Karl
Kohls, Richard L.
Lacy, Keith H.
Ludlow, Robert R.
Martin, Marshall A.
McCarl, Bruce A.
McKee, Donald J.
Miller, William L.
Nelson, Glenn L.
Nelson, Larry L.
Newell, William F.
Nicholson, Vessie H.
Novakovic, Andrew M.
Oesterle, Eric C.
Patrick, George F.
Petritz, David C.
Rades, Robert J.
Robbins, Paul R.
Sands, Michael B.
Sargent, Charles A.
Schrader, Lee F.
Schuh, G. Edward
Sharples, Jerry A.
Spreen, Thomas H.
Sullivan, Glenn H.
Taylor, Robert
Thompson, Robert L.
Uhl, Joseph N.
Uhrig, J. William
White, Thomas K. Jr.
Whittaker, James K.
Williams, Dorwin L.
Wright, Bruce H.

IOWA

Ames

Abdou, Dyaa A.K.
Alt, Klaus F.
Baum, Kenneth H.
Baumel, C. Phillip
Beneke, Raymond R.
Bhide, Shashanka
Boehlje, Michael D.
Campbell, Joseph C.
Chowdhury, Ashok K.
Deiter, Ronald E.
Doak, Paul D.
D'Silva, Brian
Dvoskin, Dan
Eiler, James W.
Eldridge, Eber W.
Faber, Doeke C.
Fowler, John M.
Fox, Karl A.
Fugelstad, Paul
Fuller, Wayne A.
Fulton, Craig V.
Futrell, Gene A.
Gibson, James A.
Godine, Anthony N.
Griffin, Steven C.
Harl, Neil E.
Harris, Duane G.
Harris, Lyle C.
Hauser, Wade R. III
Heady, Earl O.
Heer, John F.
Hepler, Fred L.
Hoffmann, Randall A. Jr.
Howell, Herbert B.
Huffman, Wallace E.
James, Sydney C.
Julius, Marvin G.
Kaiser, Eddie H.
Kaldor, Donald R.
Kolmer, Lee R.
Ladd, George W.
Libbin, James D.
McGrann, James M.
Melton, Bryan E.
Merrill, William C.
Miranowski, John A.
Murray, William G.
Nicol, Kenneth J.
Ogg, Wallace E.
Olson, Kent D.
Paulsen, Arnold
Raikes, Ronald E.
Reynolds, Thomas
Rosenberry, Paul E.
Royer, Jeffrey S.
Shepherd, Geoffrey S.
Spaulding, Brent W.
Stoneberg, Everett
Talbot, Ross B.
Tauer, Loren Wm.
Thomas, Dennis L.
Thomas, Robert Willis Jr.
Timmons, John F.
Vermallay, Ashton I.
Wisner, Robert N.

Bedford

Erickson, Eldon L.

Cedar Rapids

Hammond, David H.

Creston

Trede, Larry D.

Davenport

Waterstreet, William N.

Decorah

Craft, Rolf V.

Des Moines

Evans, Merrill B.
Gergen, William J.
Krumme, Richard
Mikes, Richard J.
Soth, Lauren K.
Williams, Ed

DeWitt

Tubbs, Alan R.

Grinnell

Mosher, Martin L.

Hudson

Lee, Kyung W.

Iowa City

Barnard, Jerald R.
Swaner, James C.

Lamoni

Hough, Franklin S.

Mason City

Hofstrand, Donald M.

Nevada

Hertz, Carl F.
Isaacson, Richard K.

Newell

Schaeffer, Henry H.

Orange City

Dorr, Paul R.

Sioux City

Coffman, Dick L.

Slater

Dippold, Lynn W.

Waterloo

Hein, Clair E.

Waukee

Buck, Robert K.

KANSAS

Baldwin

Delano, Frederick D.

Fowler

Hildebrand, John R.

Garden City

Baden, Randall B.

Hesston

Vutz, Gert
Whitney, Richard K.

Lawrence

Laird, Roy D.

Manhattan

Biere, Arlo W.
Bogle, T. Roy
Buller, Orlan
David, Milton L.
Erickson, Donald B.
Flinchbaugh, Barry.L.
Frederick, Allen L.
Heasty, Daryl M.
Heid, Walter G. Jr.
Hugo, Cornelius
Kelley, Paul L.
Knight, Dale A.
Koudele, Joe W.
Langemeier, Larry N.
Manuel, Milton L.
McCoy, John H.
Morgan, Thomas H.
Newsham, Gary L.
Niernberger, Floyd F.
Nordin, John A.
Orazem, Frank
Phillips, Richard
Pine, Wilfred H.
Primm, Barry K.
Riley, John B.
Schlender, John R.
Schnake, L.D.
Schoeff, Robert W.
Schruben, Leonard W.
Scoville, Orlin J.
Seltzer, Raymond E.
Sjo, John
Sorenson, L. Orlo
Tiao, Joe M.
Tice, Thomas F.
Unger, Samuel G.
Wissman, Donald J.

North Newton

Spaulding, J. Lloyd

Shawnee Mission

Leath, Mack N.
Sanders, Steve

Topeka

Williams, E. Morgan

Wichita

Minnick, Dale L.

KENTUCKY

Alexandria

Crouch, Robert M.

Berea

Johnstone, Robert L.

Bowling Green

Hockensmith, Michael S.

Frankfort

Marcus, Raulee

Hopkinsville

Heisterberg, David L.
Von Lanken, George

Lexington

Allen, Stephen Q.
Alton, Charles T.
Anschel, Kurt R.
Beck, Robert L.
Bobst, Barry W.
Bordeaux, A. Frank Jr.
Brannon, Russell H.
Bradford, Garnett L.
Bradford, Lawrence A.
Card, Dana G.
Criswell, James E.
Davis, Joe T.
Debertin, David L.
Gamble, John C.
Ginder, Roger G.
Hall, Harry H.
Hourigan, W. Wilson
Infanger, Craig L.
Jones, Larry D.
Justus, Fred E. Jr.
Kennedy, Mary C.
Love, Harold G.
Mackey, Everette
Mather, Loys L.
Moore, Charles L.
Pagoulatos, Angelos
Randall, Alan J.
Redman, John C.
Robbins, Lynn W.
Rudd, Robert W.
Smathers, Webb M. Jr.
Smith, Eldon D.
Stoll, John R.
Wiegand, Kenneth D.

Louisville

Arnold, Lester L.
Harris, Marshall D.
Matthes, Robert C.
Ortego, Albert J. Jr.
Price, H.B.
Smetana, Richard
Tongate, Ronald E.

Morehead

Martin, James C.

Murray

Giles, Howard C.
Hendon, Robert L.

LOUISIANA

Alexandria

Borel, Charles E.
Hoffman, Fred H.

Baton Rouge

Alexander, William H.
Andrews, Donald R.
Campbell, Joe R.
Corty, Floyd L.
Davis, Leroy
Fielder, Lonnie L. Jr.
Francois, Coral F.
Gile, Bueford M.
Goodwin, James D.
Guedry, Leo J.
Heagler, Arthur M.
Hudson, James F.
Huffman, Donald C.
Joo, Yong J.
Law, Jerry M.
Martinez, Adolfo
Obara, Alfonso M.
O'Carroll, Francis X.
Paxton, Kenneth W.
Reiling, Stephen D.
Rosera, Eugene S.
Roy, Ewell P.
Schupp, Alvin R.
Traylor, Harlon D.
Wegenhoft, Kenneth N.
Wiegmann, Fred H.
Williams, Thomas T.
Woolf, Willard F.

Monroe

Watzek, John

New Orleans

Anderson, Walter C.
Pleasonton, Alfred

Ruston

Ponder, Homer G.

MAINE

Auburn

Belden, Sanford A.

Augusta

Ezzy, Shirley E.

Orono

Delphendahl, Johannes
King, Francis R.
Krofta, Raymond N.
Metzger, Homer B.
Pelsue, Neil H. Jr.
Wing, Kenneth E.

MARYLAND

Annapolis

Forste, Robert H.
Schultz, David A.

Baltimore

Eaton, David
Strock, Ralph L.

Beltsville

Fishel, Walter L.
Ricker, H. S.

Bethesda

Hyson, Charles D.
Matzen, Edwin H.
Myers, Herman L.

Chevy Chase

Koffsky, Nathan M.
Wilcox, Walter W.

College Park

Abrahamsen, Martin A.
Bahn, Henry M.
Bekele, Abraham
Bellows, William J.
Bender, Filmore E.
Bender, Norman K.
Colacicco, Daniel
Curtis, John M.
Dardis, Rachel
Ervin, Lawrence C.
Foster, Phillips W.
Funt, Richard C.
Gardiner, Walter H.
Hardie, Ian W.
Hoecker, Harold H.
Ishee, Sidney
Lawrence, Robert G.
Lessley, Billy V.
Liapis, Peter
Lin, Ying-Nan
Matteucci, Aido
Moore, John R.
Murray, Ray A.
Nunez, Ruben D.
Poffenberger, Paul R.
Redman, Barbara J.
Settle, Hilton P.
Singleton, Carey B. Jr.
Smith, Harold D.
Tracy, Marie Hewes
Tuthill, Dean F.
Wysong, John W.

Cordova

Hutchison, John E.

Hyattsville

Hama, Mary Y.
Hitzhusen, Robert
Rizek, Robert L.
Stelzer, Roland O.
Swope, Daniel A.

Kensington

Engstorm, Howard L.

Laurel

Breitenlohner, Cynthia A.

New Carrolton

Rogers, Goerge B.

Princess Anne

Staats, Herschel L.

Rockville

Heien, Dale M.
Johnson, Rene M.
Van Meir, Lawrence W.

Silver Spring

Callahan, Edgemond P.
Dommen, Arthur J.
Hanes, John K.
Hoecker, Raymond W.
Kuo, Leslie T.C.
Mighell, Ronald L.

Suitland

Hooker, Emile N.
Liefer, James A.
Ricardo, Jose M.

Wheaton

McDonald, Vincent R.

MASSACHUSETTS

Amherst

Allen, Phillip G.
Christensen, Robert L.
Conrad, Jon M.
Crossmon, Bradford D.
Engel, N. Eugene
Field, Barry C.
Foster, John H.
Jarvesoo, Elmar
Lee, Deane
Lindsay, Bruce E.
Marion, Donald R.
McDowell, George R.
McMurtry, Gene
Poudel, Pramila K.
Torla, Robert F.
Willis, Cleve E.

Arlington

Smith, James L.

Boston

Arthur, Henry B.
Austin, James E.
Goldberg, Ray A.
Papanek, Gustav F.
Peterson, Byron S.
Rausser, Gorden C.
Shepard, Herbert E.

Cambridge

Galbraith, J.K.
Goldman, Richard Harris
Grilches, Zvi
Land, David B.
Ludwig, Robert J.
Madden, J. Patrick
Mann, William L.
Myers, Mary H.
Taylor, Lance J.

Lexington

Hartman, David G.
Scherr, Bruce A.

Medford

Humphreys, Charles P.
Stryker, Josiah D.

New Braintree

King, William H.

North Dartmouth

Laplante, Merritt G.

Norwood

Kinsinger, Kenneth E.

Petersham

Gould, Ernest M. Jr.

MICHIGAN

Ann Arbor

Bentley, William R.
Bloomer, Tom
Eddy, Edward D. III
Shapiro, Kenneth H.

Battle Creek

Mawby, Russell G.

Clarkston

Shen, Raphael

East Lansing

Andersson, Bo L.
Armstrong, David L.
Baker, Timothy Guy
Baquet, Alan E.
Barlowe, Raleigh
Black, J. Roy
Boger, Lawrence L.
Bonnen, James T.
Bonner, David M.
Boynton, Robert D.
Brake, John R.
Broder, Josef M.
Bull, Leonard L.
Byerlee, Derek
Carvey, David G.
Chapman, James A.
Chase-Lansdale, W. C.
Christy, Ralph D.
Connor, Larry J.
Davis, Gary A.
Dike, George K.
Eicher, Carl K.
Favero, Philip G.
Ferris, John N.
Fienup, Darrell F.
Freshwater, David
Gustafson, Robert L.
Hamm, Larry G.
Harsh, Stephen B.
Hepp, Ralph E.
House, Alvin E.
Johnson, Glenn L.
Johnson, James B.
Kalaitzis, Vassilios C.
Kamenidis, Christos T.
Kelsey, Myron P.
Kemph, Gary S.
King, Robert
Klein, Marvin L.
Knoblauch, Wayne A.
Kocher, James E.
Larzelere, Henry E.
Libby, Lawrence W.
Manderscheid, Lester V.
Moser, Collette H.
Newman, Mark D.
Nott, Sherrill B.
Peterson, R. N.
Pierson, Thomas R.
Ricks, Donald J.
Riemenschneider, Charles H.
Riley, Harold M.
Rose, Frank S.
Rossmiller, George E.
Ruigi, George M.
Schmid, A. Allan
Schwab, Gerald D.
Shaffer, James D.
Shea, Patrick T.
Shwedel, S. Kenneth
Sorenson, Vernon L.
Speicher, John A.
Steinmueller, Milton H.
Stephansky, Joseph D.
Stevens, Robert D.
Stipe, Sterling H.
Talhelm, Daniel R.
Tinberg, Cynthia
Thodey, Alan R.
Thompson, Stanley R.
Trapp, James N.
Vincent, Warren H.
Vlasin, Raymond D.
Vollmers, A. C.
Watt, David L.
Weber, Michael T.
Wharton, Clifton R. Jr.
Wright, Karl T.
Zehner, Mary D.

Flint

Alvis, Ronald G.
Verwest, Donald E.

Kalamazoo

Kennedy, R. N.

Lansing

Foster, Harry A.
Patrick, J. Michael
Stuckman, Noel W.
Webster, Henry H.
Yeutter, Ray O.

Lapeer

Catherwood, Robert L.

Marquette

Hartwig, Richard T.

Okemos

Johnston, George M.

Saginaw

Sarkar, Shyamal

Troy

Gibson, M. J.

Warren

Gallasch, Herman F. Jr.

Ypsilanti

Gibbons, James R.
Williams, Robert J.

MINNESOTA

Alexandria

Ross, Lyle M.

Collegeville

Schirber, Martin E.

Duluth

Vose, David A.

Excelsior

Hoyt, Richard C.

Fosston

Flaskerud, George K.

Mankato

Kaldenberg, Ronald

Minneapolis

Acton, Robert W.
Bursch, William G.
Christ, Paul G.

Crewdson, Gene
Crowder, Richard T.
Erickson, Charles E.
Hildreth, Clifford
Levins, Richard A.
Loomis, Sanford K.
Nightingale, Edmund A.
Nygaard, David F.
Roberts, William L.
Rosine, John
Setter, Gerald L.

Moorhead

Nelson, David C.

Morgan

Frederickson, Dennis R.

Morris

Harris, Allan J.

Redwood Falls

Sanders, Parker D.

St. Paul

Abel, Martin E.
Aulaqi, Nasser A.
Bambenek, Jerome V.
Benson, Fred J.
Blackmore, John
Blank, Uel
Bredahl, Maury E.
Buxton, Boyd M.
Christiansen, Martin K.
Cochrane, Willard W.
Dahl, Dale C.
Dahl, Reynold P.
Easter, K. William
Egertson, Kenneth E.
Eidman, Vernon R.
Engene, Selmar A.
Fitzharris, Joseph C.
Fruin, Jeremiah E.
Fuller, Earl I.
Gregersen, Hans
Hammond, Jerome W.
Hasbargen, Paul R.
Helmberger, John D.
Houck, James P.
Huh, Shin H.
Jensen, Harald R.
Jesness, Oscar B.
Johnson, Dennis A.
Knudtson, Arvid C.
Koller, E. F.
Lundgren, Allen L.
Maki, Wilbur R.
Martin, Lee R.
Meyers, William H.
Miner, Alan G.
Myers, John K.
Nodland, Truman R.
Norton, George W.
Pederson, Harold C.
Peterson, Willis L.
Purvis, Malcolm J.
Ramasamy, C.
Raup, Philip M.
Roe, Terry L.
Rose, Gordon D.
Routhe, Harlund G.
Ryan, Mary E.
Ryan, Timothy J.
Schamper, John W.
Sexauer, Benjamin H.
Smith, Frank J.
Snyder, Robert W.
Spriggs, John D.
Stickley, S. Thomas
Sundquist, Wesley B.
Thomas, Fred C.
Thomas, Kenneth H.
Waelti, John J.
Waldo, Arley D.
Young, William J.
Yunker, Craig

Waseca

Nefstead, Ward E.

MISSISSIPPI

Greenwood

Sayre, Charles R.

Jackson

Chao, Ching-Yuan

Kosciusko

Graves, David R.

Lorman

Kau, Paul Kun Y.
Stewart, Alfred

Mississippi State

Brodnax, Henry D. Jr.
Coats, Robert E. Jr.
Conner, James R.
Couvillion, Warren C.
Crecink, John C.
Eddleman, Bobby R.
Hurt, Verner G.
Kizer, Lennie G.
Malone, Gerald W.
Parvin, David W. Jr.
Phillips, Travis
Simpson, James H.
Trammell, David L. Jr.
Tyner, Fred H.
Waldrop, John E.
Wells, Chester M. Jr.

Ocean Springs

Mattox, Bruce W.

Starkville

Rosenberger,Stanley E.

Stoneville

Cleveland, Ollie A. Jr.

Vicksburg

Hansen, William J.

MISSOURI

Columbia

Ahrenholz, James R.
Alexander, Charles T.
Avila, Marcelino
Bay, Donald M.
Bevins, Robert J.
Bivens, Gordon E.
Blase, Melvin G.
Boggs, Kenneth B.
Brown, Thomas G.
Breimyer, Harold F.
Collins, Arthur J.
Cramer, Charles L.
Devino, Gary T.
Dickherber, Harold L.
Doll, John P.
Eisberg, Keith W.
Finley, Robert M.
Gillespie, Glenn A.

Grimes, Glenn A.
Hagan, Albert R.
Headley, Joseph C.
Hein, Norlin A.
Hendricks, Robert H.
Johnson, Stanley R.
Jokerst, John F.
Jones, Michael A.
Kiehl, Elmer R.
Kliebenstein, James B.
Maharattan, Bekha L.
Matthews,Stephen F.
McCamley, Francis P.
McKinsey, James Wendell
McNabb, Coy G.
Meisner, Joseph C.
Miller, Kenneth E.
Moser, David E.
Myrick, James E.
Osburn, Donald D.
Rhodes, V. James
Schneberges, Kenneth C.
Schneider, Roger E.
Slaughter, Rudie W. Jr.
Umberger, Dwaine F.
Voss Leonard
Warnken, Philip F.
West, Jerry G.
Wiggins, Edward R.
Workman, Herman E.

Fayette

Hileman, Audley E.

Grandview

Uphaus, Charles M.

Kansas City

Denis, Elmer C.
Doll, Raymond J.
Doyle, Jack E.
Duncan, Marvin R.
Harshbarger, C. Edward
Helming, William C.
Hooper, Jack F.
Leith, W. Gordon
Ose, Odale J.
Ronnau, Robert M.
Sanders, Bernard L.
Wilson, Richard E.

Kimberling City

Arant, Willard D.

Kirksville

Sublette, Werner J.

Montgomery City

Smith, Dwight L.

Springfield

Smith, J. N.
Spurgeon, Martin L.
Townsend, Thomas W.

St. Louis

Anderson, Ross B.
Bunkers, E. W.
Coats, Norman M.
Dunn, Terry Lee
Greer, James D.
Haldeman, Earl N. III
Heitz, Glenn E.
Justis, Paul G.
Klepper, Robert W.
Kloth, Donald
Luttrell, Clifton B.
Obrecht, Kenneth B.
O'Dell, Charles A.
Pagoulatos, Emilio
Wilkin, John T.
Worseck, Raymond A.

MONTANA

Arthur

Zimmerman, William A.

Belgrade

Jones, Donald F.

Billings

Jorgenson, David W.
Ward, Ralph E.

Bozeman

Bale, Malcolm D.
Bender, Lloyd D.
Bucher, Robert F.
Burt, Oscar R.
Cramer, Gail L.
Giebink, Gilbert G.
Greer, R. Clyde
Griffing, Milton E.
Haroldsen, Ancel D.
House, Verne W.
Jensen, Clarence W.
Koo, Won W.
Luft, LeRoy D.
Myrick, Dana H.
Quenemoen, Merle E.
Renne, Roland R.
Rust, Charles H.
Ward, Edward H.

Helena

Nelson, David K.

Missoula

Bjergo, Allen C.

NEBRASKA

Gering

Drake, Gary G.

Kearney

Vest, Marshall J.

Lincoln

Afuh, Jeremaih A.
Anderson, Dale G.
Baker, Maurice E.
Bitney, Larry L.
Clark, Richard T.
Cosper, Harold R.
Deichman, Donald M.
Doyle, Michael T.
Epp, Abram W.
Erickson, Merlin W.
Fischer, Loyd K.
Gessaman, Paul H.
Hanson, Ronald J.
Hassler, James B.
Held, Larry J.
Helmers, Glenn A.
Henderson, Phillip A.
Holmes, Oliver W.
Janssen, Larry L.
Johnson, Ralph D.
Lagrone, William F.
Langemeier, David L.
Miller, Paul E.

Olsen, Duane A.
Ottoson, Howard W.
Peterson, Everett E.
Rathjen, Robert A.
Rochford, John C.
Schwarz, Franz
Sheffield, Leslie F.
Thorson, Norman W.
Volimar, Glen
Watts, Myles J.
Wellman, Allen C.

Omaha

Eggers, Herman J.
Harman, Wyatte L.
Jones, Bill H.
Kreis, George E.
Roberts, Ronald C.
Suchomski, Lawrence B.
Tribble, Burt

Valley

Shaner, J. F.

NEVADA

Boulder City

Kleinman, Alan P.

Reno

Ching-Chauncey, T.K.
Mackey, R.B.
McNeely, John G. Jr.
Murdock, Robert Allen
Petkovich, Michael D.
Radtke, Hans D.
Shane, Ronald L.

NEW HAMPSHIRE

Dover

Novak, James L.

Durham

Andrews, Richard A.
Davulis, John P.
Frick, George E.
Jansen, Edmund F. Jr.
Morris, Douglas E.
LeRay, Nelson L.

Hanover

Broehl, Wayne G.

NEW JERSEY

Cherryhill

Barokas, Rifat

Cinnaminson

Kemmerle, Stephen

East Brunswick

Fuchs, Hilarius W.

Englewood Cliffs

Eddy, Nelson H.
Walter, Bruce J.

Jersey City

Hussey, Gorham W.

Lodi

Hopp, Henry

Madison

Dickey, Ronald W.

Mahwah

James, Milton

Manasquan

Carncross, John W.

New Brunswick

Derr, Donn A.
Fakeye, Olufemi
Herran, Magno A.
Kasper, Victor Jr.
Koch, A. R.
Merdith, Alan A.
Palmini, Dennis J.
Park, William L.
Small, Leslie E.
Stammer, Richard W.
Turek, Paul S.

Parisppany

Thompson, Morrell

Piscataway

Thatch, Daymon W.

Princeton

Kerachsky, Stuart H.
Weymar, F. Helmut

Ridgewood

Ferguson, Eli H.

Summit

Rosenthal, Arnold J.

Sea Isle City

Haffert, William A. Jr.

Trenton

Thursby, J. W.

Westfield

Bell, David M.
Cromarty, William A.
Myers, Walter M.
Sullivan, James D.

Whippany

Bodenhamer, Howard G.

NEW MEXICO

Albuquerque

Cummings, Ronald G.
Randall, Stanley

Las Cruces

Burke, Gerald M.
Carruthers, Garrey
Clevenger, Thomas Scott
Cook, Michael L.
Creel, Bobby J.
Dawson, George R.
English, Burton C.
Gonzalez, Ruben
Gorman, William D.
Gray, James R.
Lansford, Robert R.
Leger, Hector J.
Snodgrass, Milton M.
Stephens, W.P.
Supalla, Raymond J.

Los Alamos

McFarland, James W.

NEW YORK

Albany

Bair, W. I.

Auburn

Wasserman, Walter C.

Bronx

Kritz, Solomon

Chazy

Yates, Geoffrey C.

Cooperstown

Leclar, Gerald A.

Geneseo

Strang, Daniel R.

Ithaca

Albisu, Luis M.
Barton, David G.
Blandford, David
Boisvert, Richard N.
Bratton, Charles A.
Brunk, Max Edwin
Bryant, W. Keith
Burger, Veit
Call, David L.
Casler, George L.
Chapman, Duane
Conklin, Howard E.
Conneman, George J. Jr.
Darrah, Lawrence B.
Day, Lee M.
Dixon, Eldon W.
Doak, Thomas E.
Drosdoff, Matthew
Eiler, Doyle A.
Falkson, Louis M.
Fisher, Dennis U.
Flaim, Silvio J.
Flaim, Theresa A.
Forker, Olan D.
Freebairn, Donald K.
Goodrich, Dana C. Jr.
Gossard, Alan B.
Griffin, David W.
Hedlund, Glenn W.
Hill, Forrest F.
Hiser, Michel L.
How, R. Brian
Ingersoll, David L.
Kalter, Robert J.
Knight, Peter T.
Kraft, Steven E.
Ladue, Eddy L.
Larson, Olaf F.
Lesher, William G.
Lifferth, Dennis R.
Locken, Gordon S.
Lutz, Edward A.
Mason, Bert
Metz, Joseph F. Jr.
Milligan, Robert A.
Moss, Jerry L.
Mount, Timothy D.
Mudahar, Mohinder S.
Muncrief, George E.
Oltenacu, Pascal
Robinson, Kenneth L.
Sander, William H. III
Scholvinck, Johan B.W.
Sisler, Daniel G.
Smith, Robert S.
Stanton, Bernard F.
Thorbecke, Erik
Timmer, C. Peter
Tomek, William G.
Traill, W.B.
Tyner, Wallace E.
Unsal, Fahri
Varner, Michael C.
Zaman, M. Raquibuz

Latham

Pedersen, Ronald W.

New Rochelle

Khaldi, Nabil

New York - APO

Church, Phillip E.
Clark, Lewis E.
Frederick, David W.
Henning, Robin G.
Janssen, William H. Jr.
Jones, Douglas M.
Krehman, Richard
Pollock, Ronald H.
Sands, Fenton B.
Steen, Dwight R.
Warren, John P.

New York City

Bennett, Thomas A.
Biedermann, Konrad
Binswanger, Hans P.
Chen, Shih K.
Collings, Gerald W.
Collins, Norman R.
Cummings, Ralph W. Jr.
Eggert, Robert J.
Geis, Alvin C.
Gildt, Lois C.
Gotsch, Carl H.
Grossman, Elliott S.
Halvorson, Murill P.
Hardin, Lowell S.
Hay, Jin
Hirsch, Edith
Kiene, Werner
Lai, Lily K.
Ling, Kwang-Siung C.
Mader, Edward J.
Mann, Charles K.
Miller, Leonard F.
Miller, Michael B.
Mosher, Arthur T.
Nyberg, Albert J.
Oury, Bernard R.
Penn, Walter B.
Pettigrew, William E.
Phillimore, W.D.
Popkin, Barry M.
Rice, Sherman T.
Roberts, Katherine M.
Saylor, Ralph G.
Shaw, Robert D.
Turkish, Norman A.
Urguhart, Norman R.
Weidemann, Wesley
Wilson, Thomas A.

Pearl River

Obrien, George W.

Riverhead

Smith, Dubois T.

Schenectady

Gooding, David I.

Syracuse

Dennis, Carleton C.
Mathis, Joseph C.
Smith, Chester W.
Thiuri, Philip J.
York, John C.

Woodside

Ying, Tao J.

NORTH CAROLINA

Asheville

Browning, Shirley C.

Buies Creek

Gardner, Mark L.

Chapel Hill

Field, Alfred J. Jr.

Charlotte

Ammerpohl, Henry J.
Snider, Thomas E.

Concord

Desai, D.R.

Cullowhee

Ferell, Raymond S.

Durham

Balfour, Boyce B.

Greensboro

Chen, David Y.
Coley, Basil G.
Evans, Sidney H.
Khan, Anwar
Marhatta, Hari P.
Robbins, Richard D.
Robinson, Howard F.

Raleigh

Brooks, Robert C.
Bullock, J. Bruce
Carlson, Gerald A.
Chang, Seok Jung
Collins, Keith J.
Coutu, Arthur J.
Dahle, Robert D.
Danielson, Leon E.
Deaton, James L.
Fenwick, Richard S.
Fletcher, Stanley M.
Gilliam, Henry C. Jr.
Holley, Daniel L.
Homme, Henry A.
Hoover, Dale M.
Ihnen, Loren A.
Ikerd, John E.
Johnson, Paul R.
King, Richard A.
Kramer, Randall A.
Liner, Hugh L.
Mangum, Fred A. Jr.
Mathia, Gene A.
Matthews, Joseph C.
Mora, Pedro
Neuman, Duane F.
Nichols, Thomas E.
Parks, John R.
Pasour, Ernest C. Jr.
Perkinson, Leon B.
Perrin, Richard K.
Pugh, Charles R.
Schrimper, Ronald A.
Seagraves, James A.
Sobering, Fred D.
Stone, Paul S.
Toussaint, William D.
Troxler, Gale S.
Updaw, Nelson J.
Vinas, Victor R.
Waters, James R.
Wells, Robert C.
Williams, Fred E.

Research Triangle Park

Lindsey, Quentin W.
Riggan, Wilson B.

Wadesboro

Pettingill, John H.

Whispering Pines

Johnson V. W.

Winston-Salem

Elaasar, Sammy E.

NORTH DAKOTA

Bismarck

Fraase, Ronald G.

Des Lacs

Kopp, Katherine M.

Fargo

Anderson, Donald E.
Anderson, Ronald A.
Becker, Wayne Ivan
Cobia, David W.
Dorow, Norbert A.
Ehni, Rodney J.
Erlandson, Gordon W.
Hardie, Wallace C.
Hegelson, Delmer L.
Hertsgaard, Thor A.
Johnson, Jerome E.
Johnson, Roger G.
Leistritz, Fredrick L.
McDonald, Hugh J.
McMartin, Wallace
Nelson, Dennis G.
Nelson, William C.
Ostenson, Thomas K.
Peltier, Keith A.
Petry, Timothy A.
Schaffner, Leroy W.
Scott, Donald F.
Sheldon, Norman L.
Taylor, Fred R.
Thomson, Donald E.

Tosterud, Robert J.
Vangsness, Elmer C.
Voelker, Stanley W.
Zetocha, Dale F.

Osnabrock

Rourke, Gary W.

OHIO

Akron

Erickson, Elizabeth B.

Ashland

Rafeld, Frederick J.

Bluffton

Raid, Howard D.

Cadiz

Harrah, Joseph H.

Cincinnati

Albrecht, Oscar W.
Bender, J. Dennis
Saathoff, Carl R.

Columbus

Adams, Dale W.
Bagi, F. S.
Baker, Ralph L.
Baldwin, Eldon D.
Barr, Wallace
Baumer, Elmer F.
Bettis, Lee W.
Boyne, David H.
Christensen, James E.
Clayton, Paul C.
Duvick, Richard D.
Erven, Bernard L.
Forster, D. Lynn
Hadley, Herbert H.
Hahn, David E.
Henderson, Dennis R.
Himes, Glenn S.
Hitzhusen, Fredrick J.
Hushak, Leroy J.
Jacobson, Robert E.
Jones, Ted L.
Kinne, Ivan L.
Larson, Donald W.
Lee, Warren F.
Mattos, Zilda Paes De
McCormick, Francis B.
McClure, Thomas A.
McDonald, Margaret F.
Meyer, Richard L.
Miskell, David R.
Moore, John E.
Nehman, Gerald I.
Nyanteng, Victor K.
Palma-Valderrama, Victor F.
Peres, Fernando C.
Rask, Norman
Riddle, William E.
Robertson, Jerry L.
Sadr, Kazem
Schurle, Bryan W.
Schwart, Robert B. Jr.
Scott, Arthur J.
Sharp, John W.
Shaudys, Edgar T.
Simonds, Lois A.
Sitterley, John H.
Smith, Mervin G.
Soares, Augusto C.
Swank, C. William
Taylor, Reed D.
Vertrees, Robert L.
Walker, Francis E.
Watkins, Edgar P.
Wayt, William A.
Wessel, Kelso L.
Wright, Charles L.
Zehr, Donald E.

Dayton

Reichert, Alan K.

Fremont

Wright, Paul L.

Jackson

Smith, William P.

Mansfield

Sharma, V. V.

Marysville

Poling, Earl F.

Maumee

Lytle, Paul W.

Toledo

Klein, Thomas A.

Wapakoneta

Acker, Darrel L.

Washington

Polson, Jim G.

Wilmington

Karr, Gerald L.

Wooster

Geiss, Wilbert C.

Worthington

Greenleaf, George G.

U.S. Air Force WPAFB

Dickison, William E.

OKLAHOMA

Ardmore

Schmedt, Theo F.

Cushing

Underwood, F. L.

Duncan

Hutson, Arthur L.
Smith, Wade L.

Glencoe

Fawcett, David L.

Oklahoma City

Fergeson, Clint K.
Hanson, Ivan Reuben
Jones, Robert C.
Smith, Earl B.

Ponca City

Steichen, Joe C.

Stillwater

Badger, Daniel D.
Blakley, Leo V.
Brown, Robert A.
Chang, James C.
Daugherty, Robert E.
Dobbins, Craig L.
Doeksen, Gerald A.
Drummond, H. Evan
Dunn, James W.
Ericksen, Milton H.
Franzmann, John R.
Gauthier, Wayne M.
Goodwin, John William
Gummed, Amer A.
Henning, Steven A.
Hummer, Paul D.
Jobes, Raleigh Alvin
Johnson, Marc A.
Keith, Kendall W.
Kletke, Darrel D.
Knutson, Marlys A.
Krenz, Ronald D.
Mapp, Harry P. Jr.
Mariam, Berhanu G.
Maynard, Cecil D.
Mennem, Gary M.
Nelson, James R.
Nelson, Ted R.
Oehrtman, Robert L.
Palacio, Ivarth
Parks, Loren L.
Persaud, Tillak
Plaxico, James S.
Purcell, Wayne D.
Ray, Daryll E.
Ribon, Miguel
Richardson, James W.
Rogers, Stanley C.
Roush, Clint E.
Salkin, Michael S.
Schreiner, Dean F.
Sloggett, Gordon R.
Smith, Jackie G.
Tweeten, Luther G.
Walker, Odell L.
Webb, Alan J.
Williams, Joseph E.

Tulsa

Ahmad, Mokhtee

Woodward

Ferguson, Joseph D.

OREGON

Albany

Jacob, Irvin H.

Coquille

Fitzsimmons, Dave R.

Corvallis

Becker, Manning H.
Brodie, John D.
Brokken, Ray F.
Brown, William G.
Conklin, Frank S.
Cusack, Thomas J.
Dawson, Robert H.
Eisgruber, Ludwig M.
Ervin, David E.
Fitch, James B.
Fonollera, Raymond E.
Hammonds, Timothy M.
Ives, Edward E.
Jaksch, John A.
Johnston, Richard S.
Kraynick, Roger G.
Kuntz, Berry T.
Miller, Stanley F.
Mwamufiya, Mbuki
Nelson, A. Gene
Obermiller, Frederick W.
O'Connor, Carl W.
Queirolo, Lewis E.
Rettig, Raymond B.
Rocha, Dilson S.
Schefter, John E.
Smith, Frederick J.
Sorensen, Donald M.
Stevens, Joe B.
Stoevener, Herbert H.
Thomas, Howard R.
Utterback, Robert L.
Vesterby, Marlow
Waldron, Raymond W.
Weber, Bruce A.
Wyckoff, Jean B.
Yeboah, Albert O.
Youmans, Russell C.
Young, Douglas L.

Hermiston

Mueller, Robert G.

Portland

Adams, Thomas C.
Corsmit, Kees W.
Fox, Alan
Green, Warren J.
Onuorah, Michael C.
Peterson, Thomas H.

Salem

Dean, Jon D.

Silverton

Fisher, Douglas E.

PENNSYLVANIA

Allentown

Digiacinto, R. H.

Bala Cynwyd

Daniel, Raymond

Bloomsburg

Baker, J. Weston

Broomall

Bailey, Mark R.
Christensen, Lee A.
Hostetler, John E.

Grantville

Krebs, Edward H.

Harrisburg

Smith, Glen F.

Leesport

Schaffer, William H.

Media

Hamilton, Thomas E.

Middleburg

Nellis, Richard E. Jr.

New Holland

Hufland, Daniel D.

Nottingham

Wilson, Henry R.

Philadelphia

Chen, Dean T.
Rafter, Bill
Taylor, Harold H.

Pittsburgh

Katz, Saul M.
Paschke, John W.
Rubright, Lawrence V.

Southampton

Hand, Paul E.

University Park

Beck, Roger J.
Benson, Geoffrey A.
Birth, A. Kermit
Bradley, Edward B.
Brandow, George E.
Brewer, Thomas A.
Brownschidle, Terry N.
Burnstein, Harlan N.
Carroll, William M.
Clare, A. B.
Cordes, Sam M.
Crowley, Virgil E.
Daugherty, Arthur B.
Epp, Donald J.
Fedeler, Jerry A.
Findley, Gregory D.
Gamble, Hays B.
Goode, Frank M.
Hallberg, Milton C.
Hastings, Steven E.
Henson, William L.
Herrmann, Robert O.
Hill, Robert A.
Holt, James S.
Hutton, Robert F.
Jansma, J. Dean
Kriebel, Wesley R.
Malone, John W. Jr.
McAlexander, Robert H.
Neigh, Harold E.
Partenheimer, Earl J.
Pasto, Jerome K.
Prindle, Allen M.
Rossi, Daniel
Sabihi, Massoud
Schutjer Wayne A.
Slane, Thomas C.
Smith, Blair J.
Steadman, Dennis F.
Stemberger, Anthony P.
Trotter, Clarence E.
Voigt, Alvi O.
Wise, John K.
Wymbs, Clifford
Young, Chester E.

Upper Darby

Rafsnider, Giles T.

PUERTO RICO

Rio Piedras

Choudhury, Parimal
Espinet, Gabriel R.
Pringle, George E.

Santurce

Dickey, Thomas M.

RHODE ISLAND

Kingston

Gates, John M.
Hueth, Darrell L.
Jeffrey, Arthur D.
McConnell, Kenneth E.
Seay, Edmond E.

SOUTH CAROLINA

Charleston

Liao, David S.H.
Roberts , Kenneth J.

Clemson

Barton, Julian S.
Bauer, Larry L.
Boyleston, Larry J.
Dillman, Buddy L.
Faris, J. Edwin
Harris, Harold M. Jr.
Hite, James C.
Hubbard, John W.
Jones, Tom M.
Jordan, Johnny W.
Lanham, William J.
Loyd, Max I.
Lytle, John S.
Malphrus, Lewis D.
McElveen, Jackson V.
McLean, Edward L.
McLemore, Dan L.
Mizelle, William O. Jr.
Robinson, Bobby H.
Smith, Daniel B.
Stepp, James M.
Sutton, Russell W.
Thompson, C. Stassen
Tinsley, William A.

Columbia

Darr, Robert A.
Ponder, Henry

Denmark

Singh, Ashok K.

Florence

Stanton, Lynni A.

Gaffney

Hopkins, Robert J.

Orangebura

Londhe, Suresh R.
Stone, Percy H. Jr.

SOUTH DAKOTA

Brookings

Aanderud, Wallace G.
Allen, Herbert R.

Berg, Sherwood O.
Berry, Russell L.
Daves, Thomas E.
Gilbert, Howard A.
Kohlmeyer, William
Lundeen, Ardelle A.
Meyers, Maxwell S.
Morse, George W.
Olson, Robert E.
Payne, William F. Jr.
Peterson, Donald L.
Sogn, Arthur B.
Thompson, John E.

Huron

Jennewein, Everett M.

Millbank

Graham, Ronald C.

Pierre

Gaarder, Raymond O.
McCandless, Barbara J.

Watertown

Folkerts, William J.

Yankton

Alexander, Eugene B.
Matson, Arthur J.

TENNESSEE

Knoxville

Badenhop, Merton B.
Brown, David W.
Cuskaden, Charles M.
Deaton, Brady J.
Devine, John M.
Downen, M. L.
Goble, William E.
Hicks, B. G.
Humberd, D.R.
Keller, Luther H.
Klindt, Thomas H.
Loose, Thomas H.
Martin, Joe A.
McManus, Benny R.
Mundy, Steven D.
Pendlum, Stanley E.
Ray, Robert M.
Sappington, Charles
Smith, George F.
Snell, James G.
Tun, Sovan
Vollrath, Thomas L.
Walch, Herbert N.
Whatley, Thomas J.

Lookout Mountain

Moak, Samuel K.

Memphis

Berg, James F.
Brunthaver, Carroll G.
Chafin, Donald G.
Chisholm, Roger K.
Debord, Donald V.
Frahm, Donald G.
Harkness, Hosea S.
Holder, Jerry R.
Hollowell, Eugene G.
Sparks, Willard

Nashville

Edwards, Richard J.
Nicholls, William H.
Singh, Surendra P.
Tang, Anthony M.
Telwar, Gul M.

Oak Ridge

Chern, Wen S.
Lin, William W.R.

Powell

Hinton, Troy W.

TEXAS

Abilene

Davis, M. Leroy

Amarillo

Gailey, Donald W.
Steele, William J.

Austin

Ferguson, David K.
Grubb, Herbert W.
Humphrey, David Jr.
Mandell, Paul I.
Wallis, Charles W.
Walther, Wilbert H.
Williamson, Paul M.

Big Spring

Muchow, Jeffrey P.

Bryan

Herndon, Cary W.
Hollar, David C.
Jungman, Frederick M.

Bushland

Shipley, John L.

Canyon

Williams, Donald L.

College Station

Barry, Peter J.
Beattie, Bruce R.
Bentley, Ernest
Black, William E.
Boykin, Calvin C. Jr.
Branson, Robert E.
Dietrich, Raymond A.
Eleveld, Bartelt
Ethridge, Melvin D.
Farris, Donald E.
Fuller, Stephen W.
Grady, J.C.
Green, Robert C.
Griffin, Wade L.
Hardin, Daniel C.
Harston, Clive R.
Hayenga, Wayne A.
Hickman, Clifford A.
Hopkin, John A.
Hottel, J. Bruce
Hughes, Dean W.
Jones, Lonnie Lee
Kay, Ronald D.
Knutson, Ronald D.
Lacewell, Ronald D.
Langford, Don A.
Lard, Curtis F.
Leblanc, Louis A.
Levi, Donald Ray

Mallett, James I.
Martin, J. Rod
McNeely, John Gordon
Miller, Jarvis E.
Moore, Donald S.
Morgan, Larry C.
Nichols, John P.
Ospina, Enrique
Parker, Cecil A.
Paulson, Seth L.
Penson, John B. Jr.
Petty, James A.
Prater, Tom E.
Price, Tim
Rahman, M.D. Lutfor
Reinschmiedt, Lynn L.
Rister, Milton E.
Sanint, Luis R.
Schmedemann, Ivan W.
Schneider, Vernon E.
Shafer, Carl E.
Sheppard, Frank W. Jr.
Shumway, C. Richard
Sindt, Roger P.
Skinner, Robert A.
Smith, Roland D.
Sporleder, Thomas L.
Sullivan, Gregory M.
Talpaz, Hovav
Taylor, Charles R.
Timm, Tyrus R.
Trimble, Richard L.
Uvacek, Edward Jr.
Vastine, William J.
Wattanutchariya, Sarun
Whitson, Robert E.
Wolf, Kenneth
Zavaleta, Luis

Dallas

Anderson, Carl G. Jr.
Kreiling, Tilmon Jr.
McClelland, Edward L.
Young, Alan M.

Danevang

Petersen, Ralph E.

Denton

Coffey, Fredric A.

Elsa

Anderson, Allan R.

Friona

Johnson, Phillip N.

Fort Stockton

Condra, Gary D.

Galveston

Freeman, Roger L.

Houston

Christian, W. E.
Cosgrove, Michael H.
Knop, Donald R.
Packard, Ross L.
Rowe, J.Z.

Huntsville

Chandler, J. A.

Joshua

Carlock, Gaylord W.

Kingsville

Nixon, Donald M.

Lubbock

Ahmed, Mesbah U.
Bennett, J. Wayland
Ethridge, Don E.
Fowler, Mark L.
Graves, James W.
Henslee, Mark T.
Kennedy, Rex P.
Lee, Hong Yong
Osborn, James E.
Shaw, Dale L.
Swann, Tommy J.
True, David L.
Williams, Willard F.
Young, Kenneth B.

Mason

Willman, David R.

McAllin

Connolly, Chan

Prairie View

Edmondson, Vance W.
Soliman, Mostafa A.

Ropesville

Schwartz, H. Joe

San Antonio

Erdmann, Herbert H.
Miller, Arthur H.
Nordhauser, Fred

Sealy

Kruse, Rodney B.

Seminole

Smith, Edward G.

Stephenville

Lovell, Ashley C.

Victoria

Davis, Bob

Weslaco

Rathwell, Paul J.

Wichita Falls

Chen, Chong-Tong

UTAH

Logan

Crews, Mike
Gardner, B. Delworth
Glover, T. F.
Keith, John E.
Logan, Robert F.
Stewart, Clyde E.
Taylor, Morris
Whitaker, Morris D.
Willis, Reed W.
Workman, John P.

Ogden

Lindmark, Ronald D.

Provo

Wood, Lowell D.

Salt Lake City

Baker, Forrest S.
Sant, Paul T.
Wilson, David L.

VERMONT

Burlington

Sinclair, Robert O.
Webster, Fred C.

Johnson

Tobey, Donald M.

VIRGIN ISLANDS

St. Thomas

Mills, Frank L.

VIRGINIA

Alexandria

Ferguson, Donald S.
Heiby, Ernest P.
Jones, Ronald W.
Moore, Marilyn K.
Randall, C. Kyle
Rector, Gerald R.
Rogers, Robert O.
Walker, John H.
Wells, Oris V.
Wissman, Roger A.

Annandale

Culver, David W.
Tannous, Afif I.
Yeh, Chung Jeh

Arlington

Ballinger, Roy A.
Berger, Glenn I.
Bredo, William
Guebert, Steven R.
Gumbmann, Clyde E.
Holdcroft, Lane E.
Lee, Alvin, T. M.
Matsumoto, Masao
Mimms, Otho L.
Moody, R. E.
Moore, Stephen R.
Newborg, Michael
Planting, Martin B.
Pubols, Ben H.
Saville, Roscoe J.
Schertz, Lyle P.
Scofield, William H.
Scott, Raymond C.
Smith, Glenn R.
Steele, Harry A.
Trelogan, Harry C.
True, Arthur W.
Turner, Aldon A.
Vermeer, James

Blacksburg

Batie, Sandra S.
Boehm, William T.
Brant, William L.
Buccola, Steven T.
Buck, John T.
Burkhart, G. Wayne
Chambliss, Roger L.
Coale, Charles W. Jr.
Coffey, Joseph D.
Conner, Maynard C.
Havlicek, Joseph Jr.
Jensen, Robert B.
Kenyon, David E.
Kline, Ralph G.
Lamm, Ray M. Jr.
Long, Burl F.
Looney, J.W.
Luckham, William R.
Marshall, James P.
McDowell, Frank H. Jr.
Oliver, James D.
Pendse, Dilip C.
Shabman, Leonard A.
Smith, Dennis K.
Spilka, Walter Jr.
Swortzel, C. McCheyne
Tsang, C. Steve
Williams, Joel S.
Wilson, Ewen M.
Wilson, James R.

Charlottsville

Huang, Yukon

Culper

Crockett, Samuel L.

Fairfax

Christensen, Raymond P.
Paramore, Lee R.

Falls Church

Butell, George R.
Hansen, Peter L.E.
Hoffman, Robert G.
Hole, Erling
Huddleston, Harold F.
Pavelis, George A.

Harrisonburg

Hanlon, J. William
Kipps, Paul H.

Lancaster

Moncure, Robert C.

McLean

Baker, John D.
Frye, Robert E.
Herrmann, Louis F.
Oweis, Jirvis S.

Middletown

Pike, Clarence E.

Reston

Boster, Mark A.
Ogren, Kenneth E.
Peterson, Hans P.

Richmond

Nuckols, Gary N. Jr.

Springfield

Cummins, David E.
Hoffman, George
Jones, William W.
Overton, Charles E.
Powell, L.A. Sr.

Strasburg

Johnson, Sherman E.

Vienna

Swantz, Alexander

Winchester

Good, John P.

Woodbridge

Bellinger, Melvin D.

WASHINGTON

Albon

Doran, James E.

Bellingham

Gray, William H.

Moses Lake

Jones, Elwood C.

Pullman

Abou-Bakr, Ahmed
Baritelle, John L.
Barkley, Paul W.
Barron, James C.
Brar, Jagjit S.
Butcher, Walter R.
Casavant, Kenneth L.
Cornelius, James C.
Ditwiler, C.D.
Faas, Ronald C.
Feise, Christopher F.
Florea, Bruce J.
Folwell, Raymond J.
Gibbs, Kenneth C.
Greig, W. Smith
Hammig, Michael
Harrington, Albert H.
Holland, David W.
Hoppe, Stanley F.
Keis, Alan
Kezis, Alan
Loomis, Ralph A.
Mittelhammer, Ronald C.
Nielson, James
O'Rourke, Andrew D.
Pfeiffer, George H.
Pietsch, William H.
Price, David W.
Rodewald, Gordon E.
Rogers, Leroy F.
Rozell, Donald G.
Shapouri, Hosein
Sherrod, Terence L.
Staitieh, Samih K.
Thayer, Robert D.
Waananen, Martin V.
West, Donald Alan
Whittlesey, Norman K.
Willett, Gayle S.
Wirth, Myron E.
Wise, Michael L.
Yokell, Michael D.

Puyallup

Wilcox, Robert W.

Richland

Cone, Bruce W.
Currie, J.W.

Seattle

Bare, B. Bruce
Richards, Jack A.

Spokane

Cairns, Luman E.
Joss, Alexander
Stump, Robert K.

Sunnyside

King, Norman B.

Tacoma

Miller, Marlen F.

Walla Walla

Neumeier, Clarence E.

Wenatchee

Seeman, Raymond G.

Yakima

Hovey, Roy M.

WEST VIRGINIA

Elkins

Fausett, Marvin R.

Glenville

Burke, Ronnie L.

Morgantown

Brock, Samuel M.
Clarke, James H.
Cleveland, Douglas W.
Colyer, Dale K.
Eagan, Gerald V.
Garlow, David C.
Hock, Kenneth J.
Hughes, Donald David
Humphrey, Michael L.
McIntosh, Kenneth D.
Nesius, Ernest J.
Nesselroad, Paul E.
Scott, Howard R.
Taylor, Lloyd H.
Templeton, Mary E.
Toben, George E.
Yost, Larry E.

WISCONSIN

Blue Mounds

Hobson, Asher

Chippewa Falls

Namejunas, Alfred L.

Eau Claire

Gochberg, Howard S.

Fort Atkinson

Knox, W.D.

Green Bay

Haney, Emil B. Jr.
Kangayappan, Kumar

Madison

Barrows, Richard L.
Bishop, Richard C.
Bouwes, Nicolaas W. Sr.
Braun, Dennis D.
Bromley, Daniel W.
Buongiorno, Joseph
Buse, Rueben C.
Campbell, Gerald R.
Chang, Oh-Hyun
Clodius, Robert L.
Cohee, Melville H.
Connor, John M.
Cook, Hugh L.
Cooper, Rollin B.
Del Fa, Mario J.
Dobson, William D.
Dorner, Peter P.
Dragun, Andrew K.
Dunford, Richard W.
Graf, Truman F.
Groves, Francis W.
Harkin, Duncan A.
Helmberger, Peter G.
Hughes, Harlan G.
Kanel, Don
Larson, Adlowe L.
Luby, Patrick J.
Marion, Bruce W.
Martin, John V.
Mayer, Ralph E.
Morzuch, Bernard J.
Moyer, D. David
Mudikdjo, Kooswardhono
Mueller, Willard F.
Oliveira, Ronald A.
Papastavrou, Anastassios
Parsons, Kenneth H.
Penn, Raymond J.
Peterson, David H.
Peterson, Gustof A.
Plath, Joel Craig
Pulver, Glen C.
Rieck, Robert E.
Robinson, Raymond W.
Rogers, Richard T.
Rohde, Gary E.
Rosner, Monroe H.
Salathe, Larry E.
Saupe, William E.
Schneider, Robert R.
Schoeneman, John A.
Schoney, Richard A.
Sfeir-Younis, Alfredo
Shaffer, Ron E.
Sharp, Basil M.H.
Smith, Stephen C.
Smith, Stephen M.
Thiesenhusen, William C.
Weaver, Robert D.
Weigle, Richard N.

Manitowoc

Bielen, Ronald R.

Marinette

Berry, James E.

Milwaukee

Sievert, Dale M.

New Richmond

Wiseman, Wayne C.

Platteville

Cottingham, John E.
Cropp, Robert A.
Liegel, Carl R.

Racine

Reilly, Edward F.

River Falls

Elefson, R. Vern
Nolte, Gerald M.
Shatava, James W.

Superior

Behr, Michael R.

White Water

Rauchenstein, Emil

WYOMING

Cheyenne

Ahl, James G.

Laramie

Adams, Richard M.
Carver, Robert D.
Coulter, Janet M.
Jacobs, James J.
Kearl, Willis G.
Menkhaus, Dale J.
Olson, Carl E.
Schutz, Willard D.
St. Clair, James S.
Vanvig, Andrew

CANADA

ALBERTA

Calgary

Friesen, Bruno A.
Kish, John J.
Madill, J. W.

Edmonton

Allen, Elmer C.
Andersen, Richard S.
Apedaile, Leonard D.
Bayda, William M.
Hanus, Frank
Hawkins, Murray H.
Lamble, G. Wayne
Lerohl, Milburn L.
Lockhart, W. J.
Love, Harold C.
Manning, Travis W.
McMillan, Melville L.
Norby, Reginald R.
Phillips, William E.
Porter, Kenneth D.
Rackham, Thomas S.
Richter, Joseph J.
Sackey, Nicholas E.
Schultz, Wolfgang M.
Smith, Kenneth D.

Strickland, Ken W.
Veeman, Michele
Warrack, Allan A.
Wiebe, J.E.

Lacombe

Jolly, Robert W.

Lethbridge

Klein, Kurt K.
Sonntag, Bernard H.

Red Deer

Nelson, Clarence A.

Westlock

Maicher, George B.

Willingdon

Anderson, Marvin Sydney

BRITISH COLUMBIA

Burnaby

Khan, Mahmood H.
Knetsch, Jack L.

Vancouver

Arcus, Peter L.
Barichello, Richard R.
Brucker, Maurice H.
Elgaard, K.
Graham, John D.
Kennedy, George
Reimer, Don R.
Teskey, Alan G.
Winram, James Mills

MANITOBA

Fort Garry

Loyns, Richard M.A.

Portage La Prairie

Lee, Bruce M.

Winnipeg

Baker, Laurence B.B.
Beaton, Norman J.
Brown, William A.N.
Cormack, John M.
Craddock, William J.
Gillis, Robert J.
Gilson, James C.
Hudson, Jack P.
Lane, Grove A.
Liu, Maggie M.K.
Macmillan, James A.
Matheson, G. Alan
Nickel, Paul E.
Paquin, Fernand L.
Pemberton, Carlisle A.
Poore, Edwin R.
Schellenberg, Herbert D.
Singh, Ranjit H.
Therrien, Gerard A.
Tyrchniewicz, Edward W.
Wilson, Arthur G.
Wood, Arthur W.
Yeh, Martin H.

NEW BRUNSWICK

Fredericton

Gibbs, Christopher J.N.
Ouellette, Gilbert D.

NOVA SCOTIA

Halifax

Wagner, Richard C.

Truro

Byers, Douglas M.
Gunn, T. Campbell
Hayman, Rolland L.

ONTARIO

Agincort

Hsu, Chun-Yang

Clatham

Parry, Mark W.

Guelph

Ball, Aldon G.
Borgal, Lorne R.
Bradshaw, R. Carlyle
Braithwaite, W.M.
Brinkman, George L.
Britney, John B.
Clift, Patrick J.
Driver, Herbert C.
Funk, Thomas F.
Groenewegen, John R.
Guinan, Joseph F.
Haack, Richard E.
Hamilton, L.W.
Lane, Stewart H.
Lawrence, John A.
Lentz, Gary W.
Lockwood, Robert C.
Martin, Larry J.
Meilke, Karl D.
Menzie, Elmer L.
Musto, William A.
Nelson, Gary S.
Phillips, Truman
Robertson, Gerald C.
Schuetz, Marius A.
Singh, Harmit
Stonehouse, David P.
Strom, Jay L.
Tran, Hue Quoc
Warley, Thorald K.
Zwart, Anthony C.

Hamilton

Mackenzie, William

Islington

Leckie, Herbert K.

London

Haessel, Walter W.

Orangeville

Meek, John J.

Ottawa

Andal, Melvin E.
Anderson, Robert W.
Bailey, Richard
Banta, Gordon R.
Birbeck, W. H.
Blanchard, Henri-Paul

Bollman, Ray D.
Bowman, Austin L.
Candler, Wilfred V.
Carr, Howard D.
Cloutier, Raymond M.
Davey, Brian H.
Dawson, John A.
DeValk, Robert G.
Donkor, Fred
Dyck, D.
Furniss, Ian F.
Gilchrist, Varge
Harvey, David R.
Hassan, Zuhair A.
edley, Harold A.
iscocks, Geoffrey A.
olm, Wendy R.
opper, William D.
uff, Harry B.
aska, Elmar
ing, David
attimore, Ralph G.
ongmuir, Nelson L.
lacaulay, T.G.
laceachern, Gordon A.
agy, Joseph G.
erkins, Brian B.
orteous, William L.
orter, Winston D.
roud, Roger B.
ao, Musunury S.
ichards, Douglas P.
iggs, David W.
ust, Ronald S.
ahi, Ram K.
ahota, Joginder S.
hefrin, Frank
poerri, Arthur E.
toll, Roger J.
tone, Philip M.
est, Donald Albert
ilkinson, James K.

Rockwood

ardner, J. J.

Thunder Bay

larris, Thomas D.

Toronto

arfoot, Lindsay W.
an, Charles C.L.
aslett, Earl
urd, Lorne W.J.
aeger, Martin J.
acdonald, Archibald D.
Redelmeier, W. Robert
Regli, Philip J.
Tryphonopoulos, Nicholas S.

Waterloo

Millerd, Frank W.

PRINCE EDWARD ISLAND

Charlottetown

Lovering, James
Nagarajan, P.

QUEBEC

Montreal

Perrault, Paul T.
Perreault, Roger

Quebec Province

Martin, Aurele
St-Louis, Robert

Ste Foy

Charland, Andre

SASKATCHEWAN

Regina

Lowe, James C.
Ross, Carlyle B.A.
Zepp, John E.

Saskatoon

Brown, Jacob A.
Furtan, William H.
Johnson, Thomas G.
Jose, H. Douglas
Kulshreshtha, Surendra N.
Morris, James B.
Nicholson, Raymond C.
Storey, Gary G.
Thair, Philip J.

AFRICA

BOTSWANA

Gaborone

Amann, Victor F.

CAMEROON

Victoria

Omia-Mengo, Jean
Ongla, Jean

EGYPT

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Azam, Khan M.

ETHIOPIA

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Miller, Clarence J.
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Lemma, Mershaye
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Accra

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Sayoso
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Soedarto
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Wahab, Ratna D.

Yogyakarta

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Vazquez, Roberto E.

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HAWAII

Hilo

Univ of Hawaii Libr. Hilo Campus

Honolulu

Univ of Hawaii, Libr.

IDAHO

Moscow

Univ of Idaho, Libr.

Pocatello

Idaho State Univ. Library

Rexburg

Ricks College, David O'McKay Library

Twin Falls

College of Southern Idaho, Library

ILLINOIS

Canton

Spoon River College

Carbondale

Southern Illinois Univ. Library

Centralia

Kaskaskia College, Libr.

Charleston

Booth Library, Eastern Illinois Univ.

Chicago

Amalgamated Meat Cutters and Butcher Workmen

Cargill Investor Serv Inc. D.G. Amstutz

Chicago Mercantile Exchange

Chicago Public Library Business & Ind. Div.

Chicago Public Library Woodson Reg. Libr. Center

Commodity Futures Trading Comm.

Continental Il. Natl. Bank & Trust Co., Libr.

Federal Trade Commission

Loyola University Lewis Towers

Natl Assn. of Real Estate Boards, Libr.,

Roosevelt Univ., Libr.

Technomic Res. Associates Attn: Jack Salter

University of Chicago Library

Crystal Lake

McHenry County College

DeKalb

Steven F. Parson Libr., Northern Illinois Univ.

Edwardsville

Southern Illinois Univ. Lovejoy Mem. Libr.

Evanston

Northwestern Univ. Libr.

Lake Forest

Donnelley Library Lake Forest College

Macomb

Western Illinois Univ. Library

Martoon

Lake Lane College

Normal

Illinois State Univ. Milner Library

Park Forest South

Governors State Univ. Library

Beatrice Foods Company Operations Department

Skokie

G.D. Searle & Co. Corporate Library

Springfield

Illinois State Library

Sangamom State Univ. Library

Urbana

Compdex Inc., President

University of Illinois Library

INDIANA

Bloomington

Indiana University Libr.

Fort Wayne

Indiana Purdue Reg. Campus, Library

Gary

Northwest Campus of Indiana Univ., Libr.

Greencastle

Roy O. West Library DePauw University

Indianapolis

Eli Lilly & Company Business Library

Indiana State Library

Lafayette

Serials Unit, Purdue University Libraries

Muncie

Library, Ball State University

New Albany

Southeastern Campus of Indiana Univ. Library

Notre Dame

Memorial Library Univ. of Notre Dame

Terre Haute

Indiana State Univ. Cunningham Mem. Libr.

IOWA

Ames

Iowa State Univ. of Sci. Tech. Library

Cedar Falls

Univ. of Northern Iowa Library

Des Moines

State Library

Dubuque

Wahlert Mem. Library Laras College

Grinnell

Grinnell College Library

Iowa City

Law Library, Univ. of Iowa

Univ. of Iowa, Libr.

Sioux City

Dordt College Library

West Des Moines

Iowa Grain & Livestock Hedging Corporation

KANSAS

Garden City

Garden City Community Juniro

Hays

Forsyth Library, Fort Hays

Kansas City

Kansas City Public Library

Lawrence

Library, Univ. of Kansas

Manhattan

Dept of econ. Kansas State Univ.

Library, Kansas State University

Ottawa

Myers Library, Ottawa University

Wichita

Wichita State Library

KENTUCKY

Berea

Hutchins Library
Berea College

Bowling Green

Western Kentucky Univ.
Science Library

Frankfort

Ky. Dept. of Libraries
State of Kentucky

Highland Heights

Northern Ky. State
Univ., Library

Lexington

Agr. Library, Univ.
of Kentucky

Dept. of Agr. Econ.,
Univ. of Kentucky

Library, Univ. of Kentucky

Morehead

Johnson Camden Libr.,
Morehead State College

Murray

Library, Murray State
University

Richmond

Eastern Kentucky Univ.
Crabbe Library

LOUISIANA

Baton Rouge

Louisiana State Univ.
Library

Hammond

Sims Mem. Library,
Southeastern La.
College

Lafayette

University Libraries
Univ. of Southwestern La.

New Orleans

Loyola Univ. Library

Southern Fores Experiment Sta., Library

Ruston

La. Poly. Inst. Prescott
Memorial Library

Thibodaux

Francis T. Nicholls State
College, Library

MAINE

Brunswick

Bowdoin College Library

Orono

Univ. of Maine
Library

Portland

Univ. of Maine in
Portland, Library

MARYLAND

Baltimore

Catonsville Comm. College
Learning Res. Div.

Enoch Pratt Free Library

Johns Hopkins Univ. Libr.

Morgan State College
Library

The Library, Univ. of
Baltimore

Beltsville

USDA National Agriculutral
Library - CORE

USDA National Agr. Library
Current Serials Records

Chestertown

Clifton M. Miller Library

College Park

Univ. of Maryland
Library

Univ of Maryland
Undergraduate Libr.

McHenry

Garrett Comm. College
Library

Princess Anne

Frederick Douglas Libr.
Univ. of Maryland

Salisbury

Blackwell Library
Salisbury State College

Silver Spring

Technical Processes
Sect. Ad

MASSACHUSETTS

Amherst

Amherst College Libr.

Agr & Food Econ Libr.
Univ of Massachusetts

Library, Univ. of MA

Boston

Boston Univ., Libraries

Federal Res Bank of Boston
Research Library

Harvard Business School
Baker Library

Dodge Library
Northeastern Univ.

Library, Suffolk Univ.

Thomte-Roper Inc.

Univ. of Ma., Library-
Boston

Cambridge

Harvard Univ., Littauer
Library

Intl. Nutrition Planning
Program, Library

Ma. Inst of Technology
MIT Libraries

Chestnut Hill

School of Mgmt., Library
Boston College

Medford

Library, Tufts Univ.

Waltham

Brandeis Univ. Library

Wellesley

Library, Wellesley
College

Westfield

Library State College

Williamstown

Williams College Libr.

Worcester

Clark Univ., Library
Clark University

MICHIGAN

Ann Arbor

General Library, Univ. of
Michigan

Grad. School of Business
Library

Res. Seminar in Quanta-
tive Econ., Univ. of
Michigan

Univ. of Microfilms Libr.
Services, Xerox Corp.

Dearborn

Univ. of Mi., Dearborn
Campus Libr.

Detroit

Detroit Public Library

Wayne State University
Library

East Lansing

Library, Mi. State Univ.

Mi. State Univ., Dept of
Agr Econ.

Haughton

Library, Mi. Tech. Univ.

Kalamazoo

The Upjohn Company
Vet Library

Waldo Library, Western
Mi. University

Livonia

Schoolcraft College, Libr.

Marquette

Library, Northern Mi.
Univ.

Mount Pleasant

Central Mi. Univ.
Library

Pontiac

Oakland County Governmental
Reference Library

Ypsilanti

Univ. Library, E. Mi.
University

MINNESOTA

Austin

Austin Community College
Library

Duluth

Univ. of Mn., Duluth Br.
Library

Mankato

Memorial Library, Mankato
State College

Marshall

Southwest Mn. State
College, Library

Minneapolis

argill Research Libr.
argill Inc.

conomic Research Libr.
niv. of Mn.

ibrary, Federal Reserve
ank of Minneapolis

inneapolis Public Libr.

niv. of Mn., Libraries

aite Memorial Library,
niv. of Mn.

Northfield

olvaag Memorial Library
t. Olaf College

St. Paul

ibrary, William Mitchell
ollege of Law

orps of Engineers

ames Jerome Hill
eference Library

Iniv. of Minnesota
ept of Agr & Applied
conomics

lacalester College
leyerhaeuser Libr.

it. Paul Campus
ibr., Univ. of Mn.

MISSISSIPPI

Clinton

ls. College, Library

Hattiesburg

ibr., Univ. of Southern
lississippi

Jackson

ibrary, Jackson State
College

Lorman

Library, Alcorn A&M
College, Ms. Libr.
Commission

Ramond

Hinds Junior College
Library

State College

Mitchell Memm Library
Ms. State University

Stoneville

Library, Delta Br.
Expt. Station

University

The Library, Univ. of
Ms.

MISSOURI

Cape Girardeau

Kent Library, Southeast
Missouri State College

Columbia

Agr Econ Reference File
Univ. of Missouri

Univ. of Missouri
Library

Kansas City

Kansas City Public Library
Library

Fed. Reserve Bank of
Kansas City

Linda Hall Library

Economics Ref. Center
Midwest Res. Institute

Univ. of Missouri
General Library

Univ. of Missouri at
Kansas City

Kirksville

Northeast Mo. State
College, Pickler Libr.

Maryville

Wells Library, Northwest
Mo. State College

Point Lookout

Lyons Mem. Library

Rolla

Univ. of Mo. at Rolla
Library

Springfield

College Library, Southwest
Mo. State College

St. Joseph

Mo. Western State
College Library

St. Louis

Federal Res. Bank of St.
Louis

Ralston Purina Co.

Univ. of Mo., St. Louis
Library

Washington Univ. Libr.

Warrensburg

Library, Central Mo. State
College

MONTANA

Billings

Libr., Eastern Montana
College

Bozeman

Library, Mt. State Univ.

Missoula

Tech. Processes Libr.
Univ. of Mt.

NEBRASKA

Kearney

Library, Kearney State College

Lincoln

Univ. of Nebraska Library

Omaha

Gene Eppley Library

Tech.College

Wayne

Wayne State College Library

NEVADA

Reno

Life Sciences Library
Univ. of Nevada

Univ. of Nevada, Reno
Agr & Res Econ.

NEW HAMPSHIRE

Durham

Univ. of NH Library

Hanover

Baker Libr., Dartmouth College

NEW JERSEY

Camden

Campbell Soup Company
Economic Research

Hackettstown

M & M Mars

New Brunswick

Agricultural Library

Cook College

Douglass College Library

Rutgers Univ. Library

Piscataway

A T & T Company Library

Princeton

Princeton Univ. Libr.

Teaneck

Fairleigh Dickinson University Libr.

NEW MEXICO

Albuquerque

General Libr., Univ. of NM

Dept of the Army Libr.
Albuquerque Dist. Corps of Engineers

Las Cruces

Univ. Libr., NM State Univ.

Portales

Library, Eastern NM Univ.

NEW YORK

Albany

Dept of Agr & Markets
Div. of Dairy Ind. Serv.
State Office Bldg Campus

Periodicals Section
NY State Libr.

Bimghamton

Library, State Univ. of NY

Brockport

State Univ. College at Brockport, Drake Mem. Libr.

Bronx

The H.W. Wilson Co.

Lehman College Libr.

Brooklyn

Brooklyn Public Libr.

Business Library, Brooklyn Public Library

USIS Agency Wharehouse
Rio de Janeiro Library

USIS Mogadis CIO Am Embassy
U.S. Information Agency

Buffalo

E.H. Butler Library
State Univ. College

Buff-Erie Public Library

Libr. State Univ. of NY

Canton

State Univ. of NY, Southworth Libr.

Cobleskill

Jared Van Wagenen Jr. Library, State Univ. of NY

Farmingdale

Library, Agr & Tech College

Fredonia

Reed Library, Periodicals State Univ. College

Geneva

Hobart College Libr.

Glendale

Western Hemis. Public Rep. Inc.

Hamilton

Colgate Univ. Library

Hemstead

Hofstra Univ. Libr.

Ithaca

Cornell University Albert R. Mann Libr.

Jamaica

Queensborough Public Libr.

King Faisal Univ. Libr.

St. Johns' University

Univ. Petroleum & Minerals

Long Island

Blackwell's Periodicals

New York City

American Center Library Am. Univ. of Beirut

City College Libr.

Grad. School Library City Univ of NY

Columbia Univ., Watson Libr. of Bus. & Econ.

Council of Foreign Relations, Library

C.W. Post College Libr.

Cyrus J. Lawrence, Inc. Library

Environment Info. Center Inc., Document Room

Exxon Corporation Corp. Planning Dept.

First National City Bank Economics Department

Ford Foundation India Field Office

Fordham Univ. Libr.

Heidelberg

Hudston Institute Croton-on-Hudson

Director of Research Industrial Commodity Corp.

Intl. Inst. of Rural Reconstruction

Merrill Lynch, Pierce, Fenner & Smith, Inc. Library

Natl Econ Res. Associates Inc., Library

New York Public Library Division "P"

Elmer Holmes Bobst Library, NY Univ.

NY Public Library, Mid Manhattan Branch

Natl. Federation of Coffee Growers of Colombia

New York Univ. Libraries Grad. Libr. of Bus. Adm.

Tass Telegraph Agency Commercial Dept.

Library, The Agr. Devl. Council Inc.

The Conference Board Libr.

The Rockefeller Foundation Library

United Nations Library

Univ of Islamabad Central Library

Oneonta

James M. Milne Libr. State Univ. College

Oswego

Libr. State Univ. Coll. of Oswego

Potsdam

Libr., Clarkson College of Tech.

Poughkeepsie

Libr. Vassar College

Rochester

Univ. of Rochester Libr.

Seneca Falls

Eisenhower College Libr.

St. Bonaventure

St. Bonaventure Library

Syracuse

State Univ. College of Forestry, Moon Mem. Libr.

Troy

Rensselaer Polytechnic Inst., Library

West Point

USMA Library

NORTH CAROLINA

Boone

Appalachian State Univ. Library

Chapel Hill

Libr., Univ. of NC

Charlotte

Univ. of NC, Atkins Library

Davidson

Libr., Davidson College

Durham

Duke Univ. Library

Greensboro

F.D. Buford Library AGr. & Tech. College

Walter C. Jackson Libr. Univ. of NC

Morgantown

Western Ca. Center

Raleigh

NC State Univ., Dept. of Econ.

NC State College D.H. Hill Libr.

Winston Salem

Wake Forest University

NORTH DAKOTA

Fargo

Libr., ND State Univ.

Grand Forks

Chester Fritz Libr. Univ. of ND

OHIO

Akron

Univ. Library, Univ. of Akron

Athens

Ohio University Libr.

Bowling Green

Bowling Green State Univ. Libr.

Canton

Stark County Dist. Library

Cincinnati

Libr. Univ. of Cincinnati

Cleveland

Case Western Reserve Univ., Sears Libr.

Cleveland State Univ. Library

Cleveland Public Libr.

Columbus

Capital Univ. Libr.

Franklin Univ. Libr.

Ohio State Univ. Libr.

Dayton

Albert Emanuel Libr. Univ. of Dayton

Wright State Univ. Libr.

Gambier

Chalmers Mem. Libr. Kenyon College

Kent

Kent State Univ. Libr.

Maple Heights

Maple Heights Reg. Libr.

Oberlin

Oberlin College Libr.

Oxford

Miami Univ. Libr.

Parma

Parma Regional Libr. Cuyahoga Co. Publ Libr.

Springfield

Clark County Tech. Inst. Library

Tiffin

Beeghly Library Heidelberg College

Toledo

Univ. of Toledo, Libr.

University Heights

Grasselli Library Periodicals

Wilmington

Libr., Wilmington Coll.

Southern State College

Wooster

The Andrews Libr., Coll. of Wooster

OKLAHOMA

Ada

EPA Library, Water Res. Lab.

Langston

Langston Univ. Libr.

Norman

Univ. of Oklahoma Libr.

Oklahoma City

Oklahoma County Libr.

Stillwater

Oklahoma State Univ., Library

Tahlequah

Northeastern State College John Vaughn Library

OREGON

Corvallis

Agr. Econ. Dept., Oregon State Univ.

Library, Oregon State University

Eugene

Library, Univ. of Oregon

Portland

Corps of Engineers District Library

Library, Pacific Northwest Forest & Range Expt. Sta.

Portland State Univ. Library

Reed College Library

PENNSYLVANIA

Berwyn

Alahram

Bethlehem

Lehigh Univ. Library

Bloomsburg

Bloomsburg State College Library

Carlisle

Dickinson College Libr.

Chester

PM Colleges, Library

Clarion

Library Periodicals Clarion State College

Coraopolis

Robert Morris College Library

Doylestown

Library, Delaware Valley College of Sci. & Agr.

Gettysburg

Gettysburg College Libr.

Harrisburg

Penn State Library

Indiana

Library, Indiana Univ. of Pennsylvania

Lancaster

Lancaster County Libr.

Lewisburg

Bertrand Libr., Bucknell Univ.

Meadville

Reis Library, Allegheny College

New Wilmington

Westminster College, McGill Library

Philadelphia

Dept. D.S. Inst. for Scientific Info.

Drexel Inst. of Tech. Library

Lippincott Library Univ. of Pennsylvania

Temple Univ. Libr.

Free Library of Philadelphia

Pastore Library College of Textile Sci.

Pittsburg

Duquesne Univ, Campus Libr.

Div. Hillman Library
Univ. of Pittsburgh

Journal of Economic Literature

Slippery Rock

Maltby Library
Slippery Rock St. Coll.

Swarthmore

Swarthmore College Libr.

University Park

Agr. Econ. & Rur. Soc.
Penn State Univ.

Pattee Library
Penn State Univ.

Upper Darby

Library, Northeastern Forest Expt. Sta.

Villanova

Flanery Mem. Library
Villanova Univ.

Westchester

F.H. Green Library
Westchester State Coll.

PUERTO RICO

Arecibo

Univ. of Puerto Rico
Regional Coll. Library

Mayaguez

Univ. of Puerto Rico
Mayaquez Campus

Rio Piedras

Agr. Expt. Station

Agr. Extension Service

Biblioteca Escuela Grad. de Planificacion

Univ. of PR, Biblioteca

San Juan

Library Legislative Ref.

RHODE ISLAND

Kingston

Consortium for the Devl. of Technology

Univ. of RI, Library

Providence

Brown Univ. Library

SOUTH CAROLINA

Clemson

Library, Clemson Univ.

Columbia

South Carolina State Library

Thomas Cooper Libr.
Univ. of SC

Florence

Francis Marion College
The Library

Rock Hill

Dacus Library, Winthrop College

SOUTH DAKOTA

Aberdeen

Northern State College Library

Brookings

SD State Univ. Library

TENNESSEE

Clarksville

Austin Peay State Univ., Library

Cookeville

Jere Whitson Mem. Libr.
Tenn. Tech. Univ.

Johnson City

The Sherrod Library
E. Tenn. State Univ.

Knoxville

Agr. Library, Morgan Hall, Univ. of Tn.

Library, Univ. of Tenn.

TVA, Technical Libr.

Martin

The Libr. The Univ. of Tn. at Martin

Memphis

John Brister Libr.
Memphis State Univ.

Memphis Public Library

Corps of Engineers
Memphis Dist., Libr.

Murfreesboro

Library, Middle Tenn. State Univ.

Nashville

Joint Univ. Libraries

Tenn. State Univ., Libr.

Oakridge

Union Carbide Nuclear Div. Emergency Tech.

Union Carbide Corporation Nuclear Division

TEXAS

Abilene

Abilene Christian Coll. Library

Alpin

Sul Ross State Univ. Library

Amarillo

Amarillo Public Library Spec. Collection Dept.

Beaumont

Libr., Larmar Univ.

Brenham

Blinn College, Libr.

Canyon

Agr. Business & Econ. W. Texas Univ.

Library, W. TX State Univ.

College Station

Dept. of Agr. Econ. & Soc., Tx. A&M Univ.

Library, Texas A&M Univ.

Commerce

Libr. East Tx. State Univ.

Dallas

Fed. Reserve Bank, Libr.

Fondren Libr., So. Meth. Univ.

U.S. Army Eng. Div. Southwestern Corps of Engineers

Denton

Libr., Tx Womans Univ.

North Tx. State Univ. Library

Edinburg

Pan American College Library

El Paso

Library, Univ. of Tx. at El Paso

Fort Worth

Tx. Christian Univ., Mary Couts Burnett Libr.

Houston

Library, The Rice Univ.

Univ. of Houston Libr.

Univ. of Houston, Clear Lake Library

Anderson, Clayton & Company

Huntsville

Libr., Sam Houston State Univ.

Irving

Univ. of Dallas, Sister Joseph Marie Libr.

Kingsville

The Library, Tx. Coll. of Arts & Industries

Laredo

Texas A&I Univ. Libr.

Lubbock

Libr., Tx. Tech. Univ.

Texas Tech Univ., Agr. Economics

Nacodoches

Libr., Stephen F. Austin State Coll.

Renner

Tx. Res. Found Libr.

Robstown

M.G. & Johnnye D. Perry Foundation

San Angelo

Angelo State College Porter Henderson Libr.

San Marcos

The Libr., Southwest Tx. State College

Stephenville

Tarleton State College Library

Victoria

The Victoria College Library

Waco

Baylor Univ. Library

Weslaco

Texas A&I Univ. Citrus Center Libr.

Wichita Falls

Library, Midwestern University

UTAH

Cedar City

Southern Utah State College Library

Logan

Merrill Library, Utah State Univ.

Ogden

Weber College Library

Provo

Library, Brigham Young University

VERMONT

Burlington

Univ of Vermont Guy W. Bailey Library

Middlebury

Middlebury College Libr.

Randolf

Vermont Tech. College Library

VIRGINIA

Blacksburg

Newman Library VPI & State Univ.

Charlottesville

Alderman Library Univ. of Va.

Darden Business Libr. Univ. of Va.

Fairfax

George Mason Univ Libr.

Harrisonburg

Library, Madison College

Norfolk

Hughes Library, Old Dom. University

Norfolk State College Library

Petersburg

Johnston Mem. Libr. Va. State College

Bureau of Econ Res. & Devl, Va. State College

Richmond

Fed. Res. Bank of Richmond

Va. Commonwealth Univ. James Branch Cabell Univ.

Univ. of Richmond Library

Rosslyn

Publication Procurement Center

Williamsburg

Earl Gregg Seven Libr. College of William & Mary

WASHINGTON

Bellingham

Mabel Zoe Wilson Libr. Western Wa. State Coll.

Cheney

The Libr., Eastern Wa. State College

Ellensburg

Bouillon Library, Central Washington State Coll.

Moses Lake

Libr., Big Bend Comm. College

Olympia

Wa. State Univ., Libr.

Pullman

Wa. State Univ. Libr.

Wa. State Univ., Soc. Sci. Library

Seattle

Univ. of Wa., Library

Tacoma

Mortvedt Library, Econ. Pacific Lutheran Univ.

WEST VIRGINIA

Morgantown

Agr Eng Library
Evansville Campus
WV University

Princeton

Forest Prod Mktg Lab
Northeastern Forest
Expt Station

WISCONSIN

Eau Claire

Wm. D. McIntyre Libr
WI State University

Green Bay

Univ of Wisconsin
Green Bay Library

LaCrosse

Murphy Libr., WI State
University

Madison

Madison Public Library

Steenbock Mem. Library
Univ of Wisconsin

Taylor Hibbard Libr
University of Wisconsin

The Univ of Wisconsin
Dept of Rural Soc

Menomonie

Coll Devl Sec Serial
Unit, Univ of WI

Milwaukee

Milwaukee Public
Library

Library, Univ of WI
Milwaukee

Marquette Univ Memorial
Library

Platteville

Dept of Library
WI State University

River Falls

Wisconsin State
University Library

WYOMING

Laramie

Div of Agr Econ
College of Agr

Library, Univ of
Wyoming

CANADA

ALBERTA

Calgary

Univ of Alberta at
Calgary, Library

Alberta Department of
Agriculture, Library

The Univ of Alberta
Dept of Agr Econ &
Rural Sociology

University of Alberta
Library

Olds College
Library

BRITISH COLUMBIA

Burnaby

Simon Fraser University
Library

Vancouver

Pacific Regional
Library, Dept of Env.

Univ of British
Columbia, Main Libr.

Victoria

Dept of Ind Devl Trade
and Commerce, Library

Univ of Victoria
McPherson Library

MANITOBA

Winnipeg

Canadian Grain Comm.
The Library

United Grain Growers
Ltd, Library

Dept of Agr Econ
Univ of Manitoba

Elizabeth Dafoe Libr
Univ of Manitoba

NEW BRUNSWICK

Fredericton

The Univ of New Brunswick
Harriet Irving Library

Sackville

Mount Allison Univ
Ralph Pickard Bell Libr

NEWFOUNDLAND

St. Johns

Periodical Division
Memorial Univ of
Newfoundland

NOVA SCOTIA

Halifax

Dalhousie University
Library

Periodicals Dept
St Marys University

Truro

Library Cox Institute
Nova Scotia Agr College

Wolfville

Acadia University
Library

ONTARIO

Burlington

Canada Centre for
Inland Waters

Downsview

Scott Library, York
University

Guelph

Univ of Guelph
McLaughlin Library

Univ of Guelph
School of Agr Econ
and Ext Education

Hamilton

McMaster University
Mills Memorial Library

Kingston

Queen's Univ at
Kingston, Douglas Libr.

London

Univ of W. Ontario
General Library

Ottawa

Canada Dept of Agr
Library

Carleton University
Library

Dept of the Environment
Departmental Library

Department of Finance
Library

Dept of Industry Trade &
Commerce, Library

Dept of Regional Econ
Expansion, Library

Eva Library

Library (LARO) IDRC

Statistics Canada
Library

Univ of Ottawa
Central Library

Ridgetown

Ridgetown College of Agr
Tech, Economics Division

Sault Ste Marie

Environment Canada
Forest Research Lab
Library

St Catherines

Brock University
Library

Sudbury

Laurentian University
Library

Thunder Bay

Lakehead University Library

Toronto

Dept of Municipal Affairs

Metro Toronto Library Board, Business Ref Libr.

Ontario Mins of Agr & Food, Library

Univ of Toronto Library

Waterloo

Univ of Waterloo Libr.

Wilfrid Laurier Univ Libr.

Windsor

Univ of Windsor Library

PRINCE EDWARD ISLAND

Charlottetown

Univ of Prince Edward Island Library

QUEBEC

Kamouraske

Mins Ag Et Colonisation Inst de Technologie Agricole

Montreal

Concordia University Library

Ecole des H E C Bibliotheque

McGill University Library

Mins Agr Et Colonisation La Regie Des Marches Agri de Quebec

The Royal Bank of Canada, Library

Univ de Montreal Bibliotheque Des Sciences Sociales

Quebec

Bibliotheque de l'Universite Laval

Biblio Univ du Quebec

Canada Agriculture Bibliotheque Sta de Recherches

MacDonald College The Library Dept

Ministere de l'Agr Centre de Reference

Universite Laval Dept D'Economie Rurale

Sherbrooke

Universite de Sherbrooke Bibliotheque

St Hycinthe

Ministere Agriculture & Colonisation, Inst Tech Agricole

SASKATCHEWAN

Regina

Dept of Cooperation & Cooperative Development Information Services

Saskatchewan Dept of Agr Planning & Res Branch

University of Regina Library

Saskatoon

DREE

Murray Memorial Libr. Univ of Saskatchewan

AFRICA

ALGER

Zeboudja

Centre National de Doc Du

BOTSWANA

Gaborone

Librarian, Officer in Charge, Agricultural Research Station

BURUNDI

Bujumbura

Universite Officielle de Bujumbura, Fac Sciences Econ L Sociales

CAMEROON

Yaounde

Central Africa Undat

EGYPT

Alexandria

Alexandria University Faculty of Agriculture

Alexandria University Faculty of Commerce

Cairo

Agricultural Pl Economist FAO - RNEA

Ministry of Agr Dept of Agrarian Culture Library Section

Project Manager EGY/74/006

The Institute of
National Planning
Documentation Center

Giza

Cairo University
Central Library

Zagazig

Faculty of Agriculture
The Library

Zagazig University
Faculty of Commerce

ETHIOPIA

Addis Ababa

Centre International pour
L'Elevage en Afrique

Institute of Agr Research
Library

U N Economic Commission
for Africa, Library

Dire Dawa

Haile Sellasie I Univ.
Library, College of Agr.

GHANA

Cape Coast

Univ College of Cape
Coast, Library

Legon

Univ of Ghana
Balme Library

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Southern States Cooperative
Box 1656
Richmond VA 23212

Elmer C. Hunter
Agricultural Division
CIBA-GEIGY Corporation
P O Box 11422
Greensboro NC 27402

Hugh Chronister
The Harvest Publishing Company
9800 Detroit Avenue
Cleveland OH 44102

Philip French, Asst General Manager
Indiana Farm Bureau Coop Assoc Inc.
47 South Pennsylvania Street
Indianapolis IN 46204

Lauren K. Soth
Des Moines Register & Tribune Company
Des Moines IA 50304

Glenn W. Buzzard
Northwestern Mutual Life Ins Co
720 Wisconsin Avenue
Milwaukee WI 53202

Patrick J. Luby
Oscar Mayer & Company
P O Box 7188
Madison WI 53707

Jim Vilstrup, Market Res Analyst
Farmers Union Central Exchange
P O Box "G"
St Paul MN 55163

David B. Arnold
Cargill, Inc.
Cargill Building
Minneapolis MN 55402

Robert E. Alexander
The Pillsbury Company
Executive Offices
Minneapolis MN 55402

C.E. Fuller
Peavey Company
760 Grain Exchange
Minneapolis MN 55415

Lloyd Besant, Dir of Education
Chicago Board of Trade
LaSalle at Jackson
Chicago IL 60604

Dean E. McKee
John Deere & Company
Moline IL 61265

S.D. Sajban, Secretary
The Federal Land Bank of St Louis
Main PO Box 491
St Louis MO 63166

Norman M. Coats
Ralston Purina Company
835 South 8th Street - PO Box 1606
St Louis MO 63199

W. Gordon Leith, Vice President
Farmland Industries Inc.
P O Box 7305
Kansas City MO 64116

Vern McGinnis, Dir of Planning Services
F. S. Services, Inc.
1701 Towanda Avenue
Bloomington IL 61701

Leonard J. Haverkamp
Wilson and Company, Inc
Lincoln Plaza - 4545 Lincoln Blvd
Oklahoma City OK 73105

John B. Markley, President
Arizona Feeds
P O Box 5526
Tucson AZ 85703

Paul Baumgart
Safeway Stores Inc.
P O Box 660
Oakland CA 94606

A. M. Runciman
Canada Grains Council
United Grain Growers
Suite 400
177 Lombard Avenue
Winnipeg, Manitoba, Canada R3B OW5